ACE Biolabs

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Datasheet

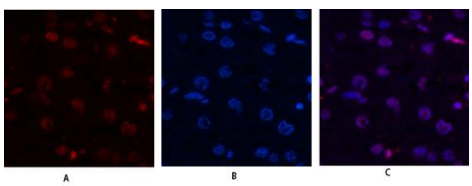
Ver.1 Date : 20180222

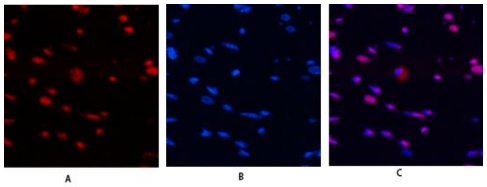
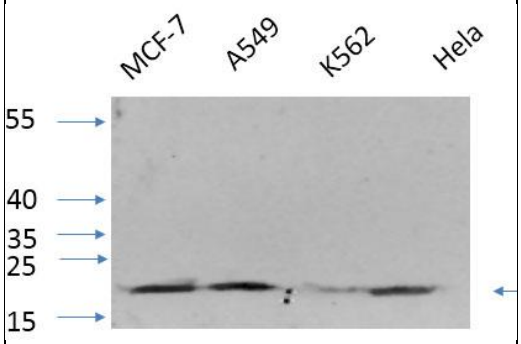
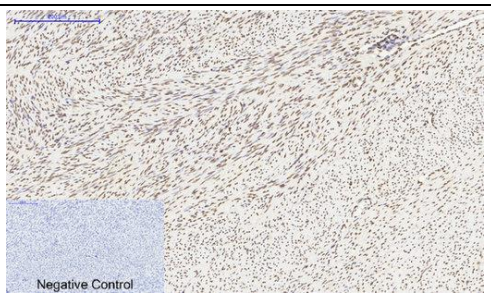
Histone H4 Polyclonal Antibody

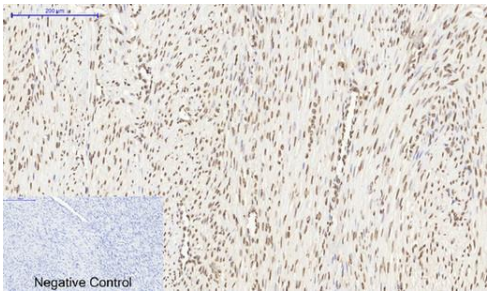
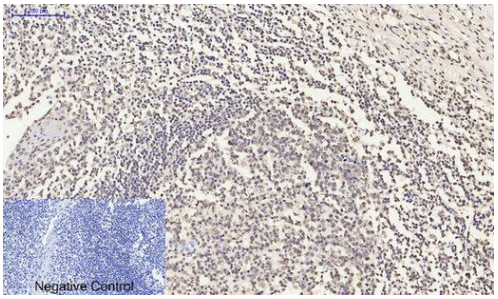
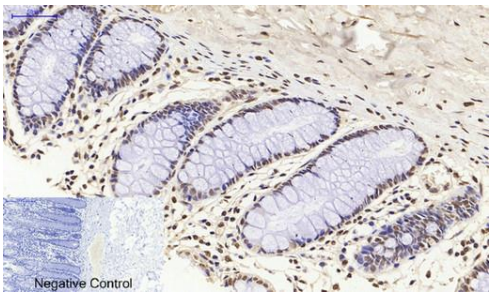
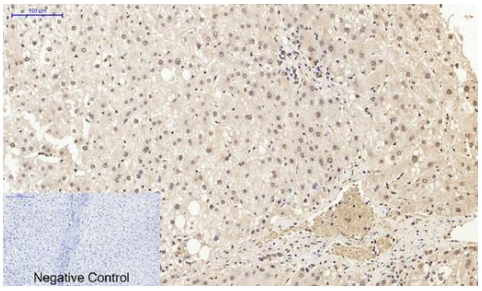
Cat# A20357PI

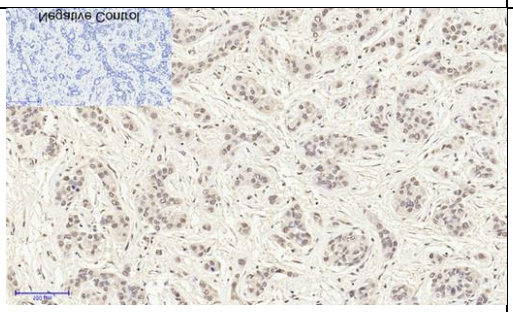
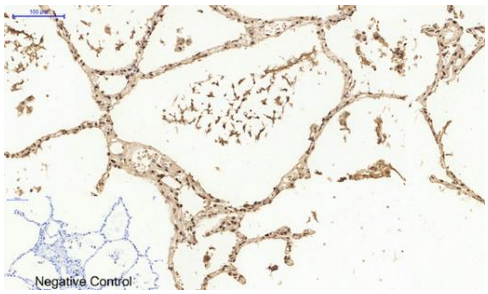
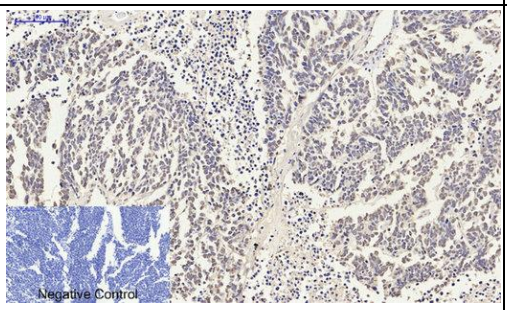
Upon receipt, store at -20°C. Avoid repeated freeze.

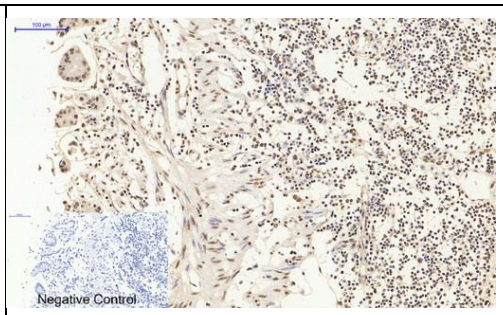
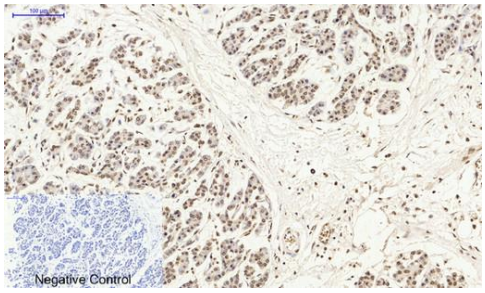
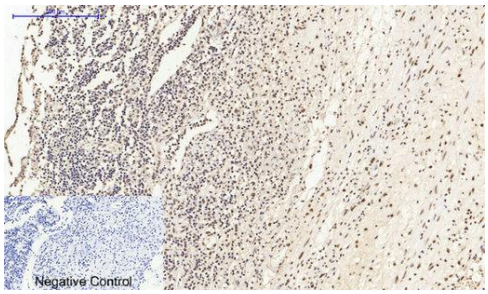
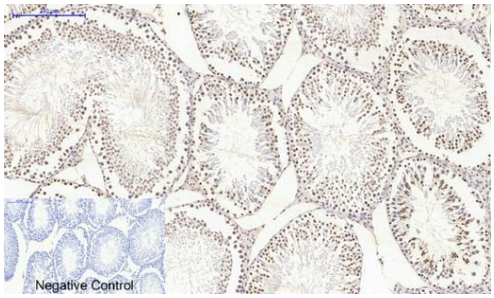
INFORMATION

Product Name	Histone H4 Polyclonal Antibody
Cat. No.	A20357PI
Size	100ug/50ug/20ug
Uniprot	Human P62805/Mouse P62806/Rat P62804
Product type	Primart antibody
Species Reactivity	Human,Mouse,Rat,Monkey
Immunogen	The antiserum was produced against synthesized peptide derived from human Histone H4. AA range:6-55
Host	Rabbit
Concentration	1 mg/ml
Clonality	Polyclonal
Tested applications	WB,IHC-p,IF/ICC,ELISA
Application	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Molecular Weight	11KD
Storage instruction	-20°C/1 year
Alias	HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4/G; H4FG; HIST1H4D; H4/B; H4FB; HIST1H4E; H4/J; H4FJ; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/H; H4FH; HIST1H4I; H4/M; H4FM; HIST1H4J; H4/E; H4FE; HIST1H4K; H4/D; H4FD; HIST1H4L; H4/K; H4FK
Image		Immunofluorescence analysis of human-liver tissue. 1,Histone H4 Polyclonal Antibody(red) was diluted at 1:200(4° overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B:

		DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B
		Immunofluorescence analysis of rat-heart tissue. 1,Histone H4 Polyclonal Antibody(red) was diluted at 1:200(4° overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B
		Western Blot analysis of various cells using primary antibody diluted at 1:1000(4°C overnight). Secondary antibody：Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25°C, 1 hour). cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).
		Immunohistochemical analysis of paraffin-embedded Human-uterus tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

		Immunohistochemical analysis of paraffin-embedded Human-uterus-cancer tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Human-Tonsil tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Human-colon tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min).

		Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Human-lung tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Human-lung-cancer tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

		Immunohistochemical analysis of paraffin-embedded Human-stomach tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Human-stomach-cancer tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Human-Appendix tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Rat-testis tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min).

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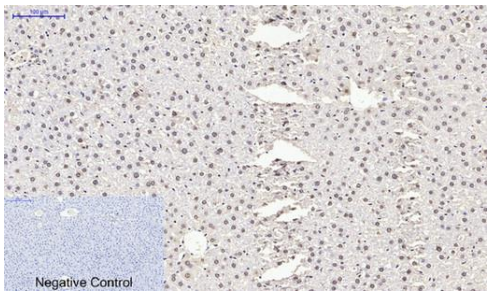
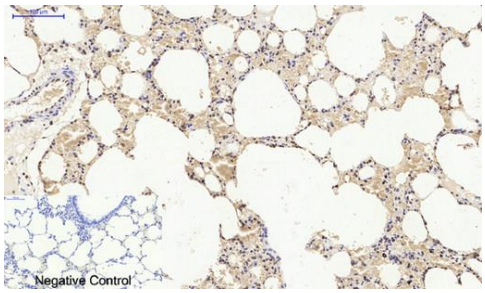
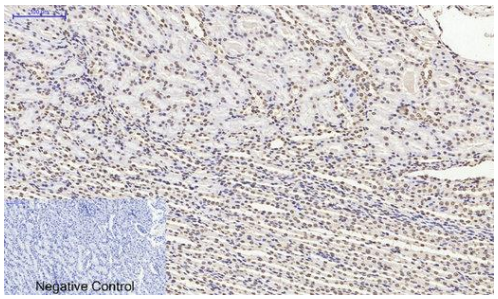
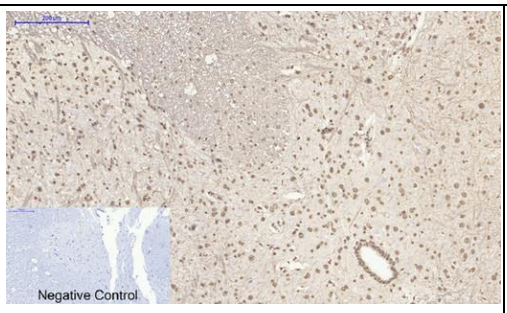
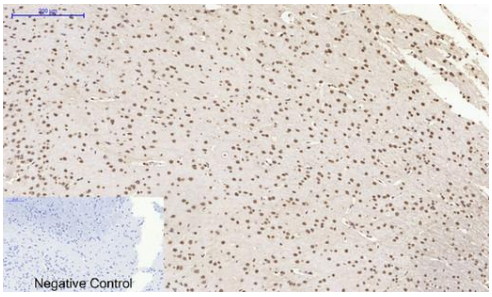
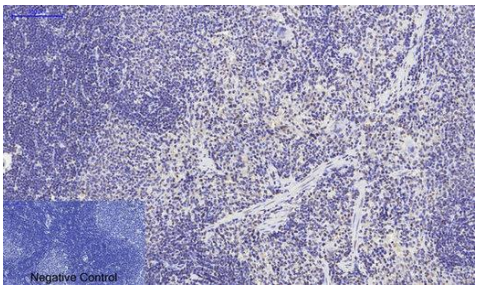
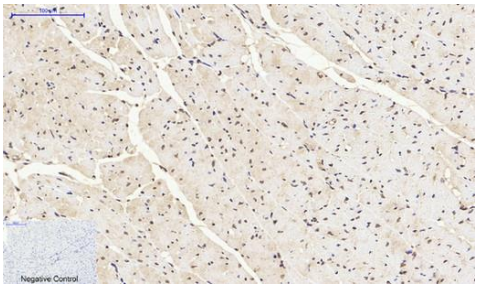
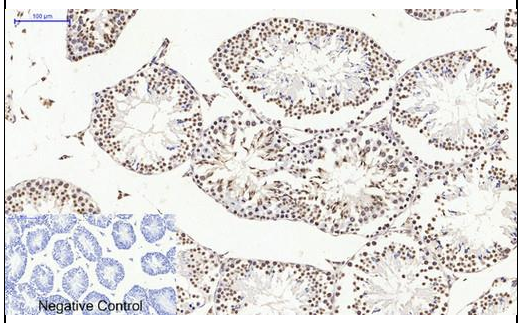
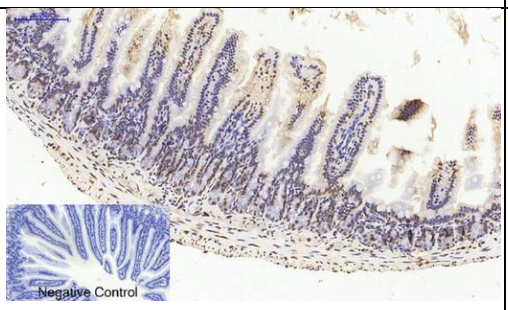
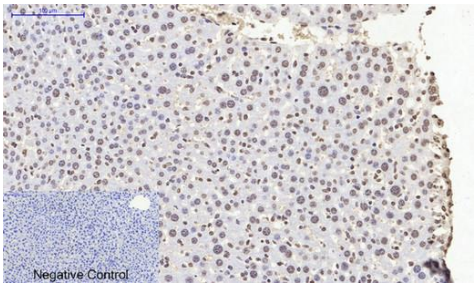
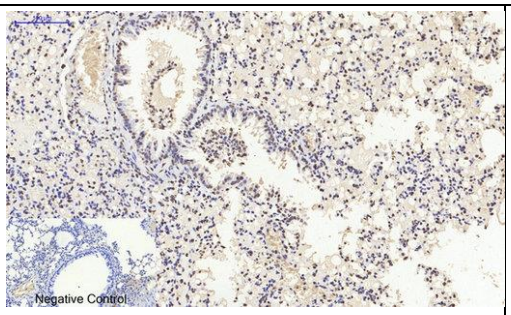
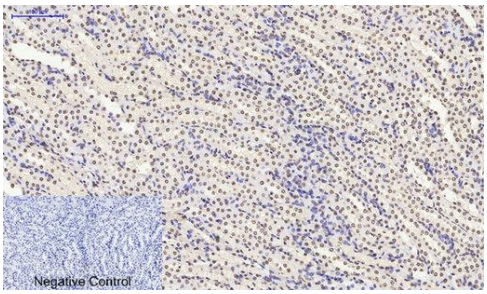
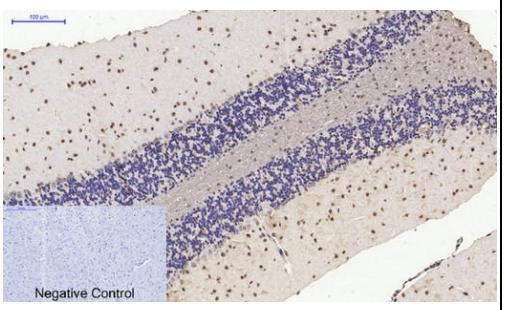
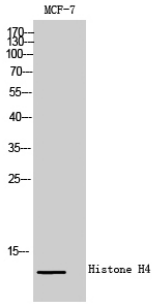
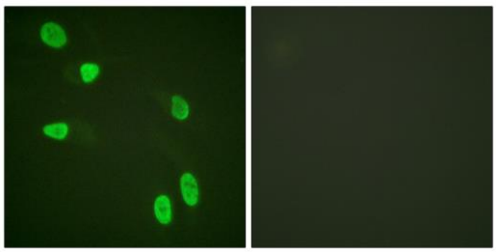
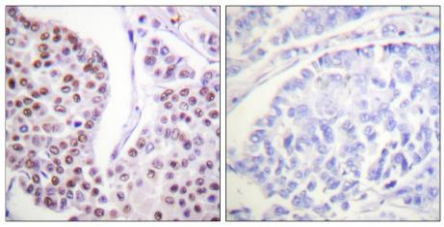
		Immunohistochemical analysis of paraffin-embedded Rat-liver tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

		Immunohistochemical analysis of paraffin-embedded Rat-spinal-cord tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Rat-brain tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Rat-spleen tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Mouse-heart tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min).

		Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Mouse-testis tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Mouse-colon tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

		Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Immunohistochemical analysis of paraffin-embedded Mouse-brain tissue. 1,Histone H4 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.
		Western Blot analysis of MCF-7 cells using Histone H4 Polyclonal Antibody diluted at 1：2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

		Immunofluorescence analysis of HeLa cells, using Histone H4 Antibody. The picture on the right is blocked with the synthesized peptide.
		Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Histone H4 Antibody. The picture on the right is blocked with the synthesized peptide.

PRODUCT USE LIMITATION

These products are intended for research use only.