

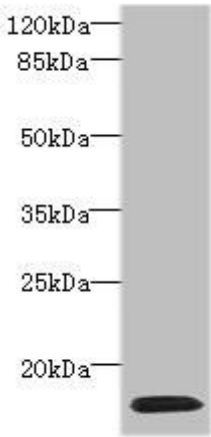
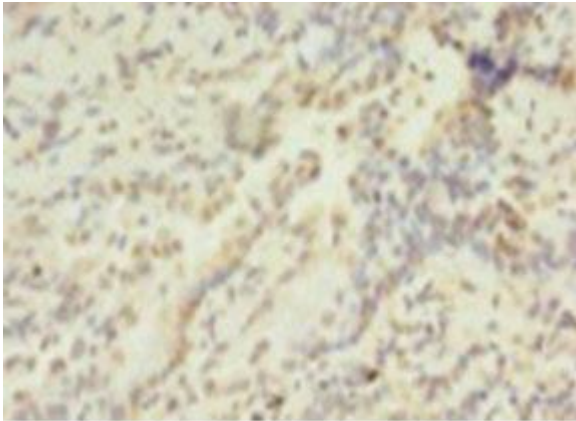
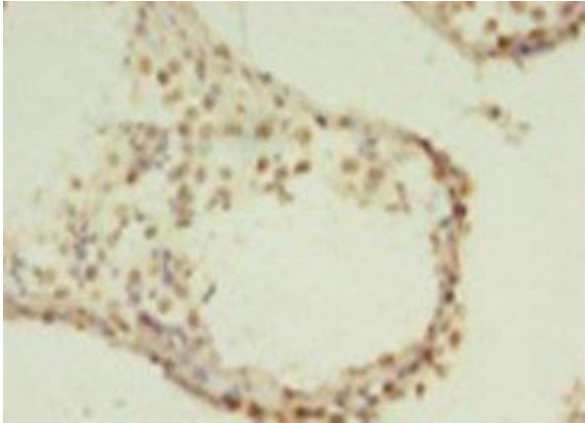
Histone H2AG Antibody

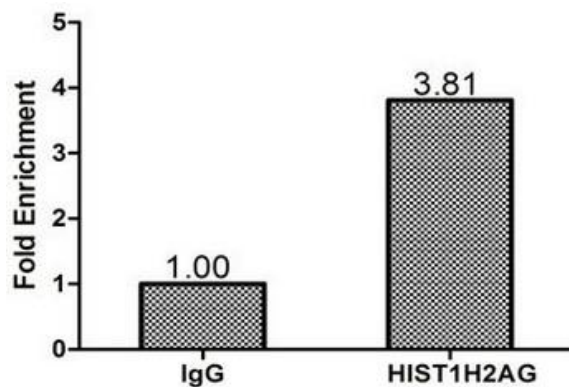
Cat# A0519P– 50/100 ug

Storage at -20 °C

INFORMATION

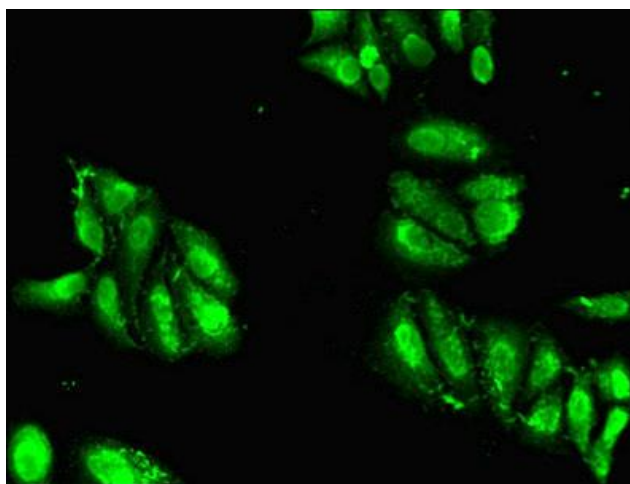
Product Name	Histone H2AG Antibody
Cat. No.	A0519P
Product type	Primary antibodies
Species reactivity	Human
Clonality	polyclonal
Host	Rabbit
Size	50 ug/100 ug
Uniprot	POC0S8
Relevance	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Immunogen	Recombinant Human Histone H2A type 1 protein (2-130AA)
Tested applications	ELISA, WB, IHC, IF, ChIP; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200
Form	Liquid
Conjugation	Non-conjugated
Purification	>95%, Protein G purified
Isotype	IgG
Target Name	HIST1H2AG
Stock buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage instruction	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Alias	Histone H2A type 1 (H2A.1) (Histone H2A/ptI), HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AL; HIST1H2AM, H2AFP; H2AFC; H2AFD; H2AFI;

	H2AFN
Image	 <p>Western blot All lanes: HIST1H2AG antibody at 4μg/ml + HL60 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 15 kDa Observed band size: 15 kDa</p>
	 <p>Immunohistochemistry of paraffin-embedded human lung cancer using CSBPA010389LA01HU at dilution of 1:100</p>
	 <p>Immunohistochemistry of paraffin-embedded human testis tissue using CSBPA010389LA01HU at dilution of 1:100</p>



Chromatin Immunoprecipitation
 HeLa(1.2×10^6) were cross-linked with formaldehyde, sonicated, and immunoprecipitated with $4\mu\text{g}$ anti-HIST1H2AG or a control normal rabbit IgG. The resulting ChIP DNA was

quantified tissue using real-time PCR with primers(CSB-PP010389HU) against the PGK1 promoter.



Immunofluorescent analysis of HeLa cells using CSB-PA010389LA01HU at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

PRODUCT USE LIMITATION

These products are intended for research use only.