

Hippo Signaling Antibody Sampler Kit

Cat# AK0168

Upon receipt, store at -20°C. Avoid freeze/thaw cycles.

PRODUCT DESCRIPTION

Hippo signaling is an evolutionarily conserved pathway that controls cell proliferation, apoptosis, and organ size in response to changing cell density levels. At relative low cell density, transcription co-activators YAP and TAZ bind transcription factors to induce expression of genes that favor cell growth and proliferation. As cell density increases, interaction between membrane-bound upstream hippo pathway regulators trigger activation of cytoplasmic kinases Mst1/2 and LATS1/2. Activated Mst kinase (the eponymous Hippo in *Drosophila*) associates with the adaptor Sav1 and phosphorylates MOB1 to activate LATS kinase, which phosphorylates YAP and TAZ to suppress cell proliferation.

PRODUCT INCLUDES

Cat No.	Product name	Quantity	Applications	Reactivity	Host
A340704	YAP1 Polyclonal Antibody	20µL	WB, IHC, ELISA	Human, Mouse, Rat	Rabbit
A340583	LATS1/2 Polyclonal Antibody	20µL	WB, IHC, ELISA	Human, Mouse	Rabbit
A340595	MOB1B Polyclonal Antibody	20µL	WB, IHC, ELISA	Human, Mouse, Monkey	Rabbit
A340159	STK4 Polyclonal Antibody	20µL	WB, IHC, ELISA	Human, Mouse	Rabbit
A1013s	Goat Anti-Rabbit IgG (H+L) (peroxidase/HRP conjugated)	120µL	WB, ELISA	Rabbit	Goat

PRODUCT USE LIMITATION

These products are intended for research use only.