

2-hydroxyisobutyryl-Histone H3 (Lys56) Polyclonal Antibody

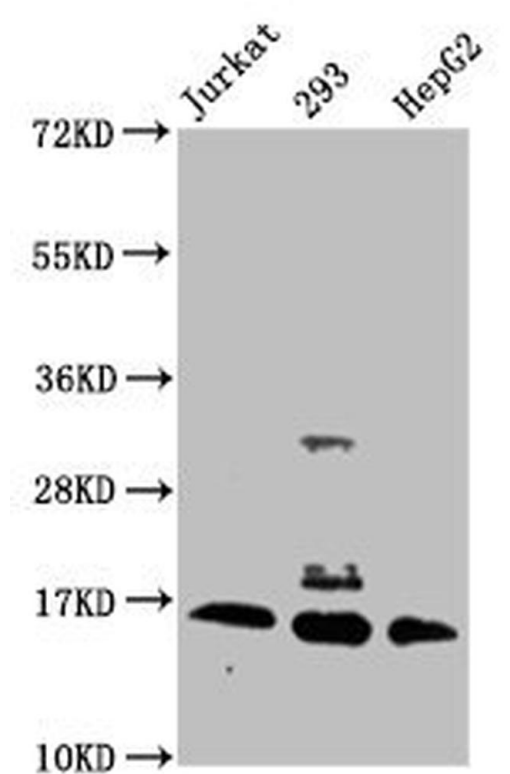
Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around site of 2-hydroxyisobutyryl-Lys (56) derived from Human Histone H3.1 (50-61aa)
Form	Liquid
Concentration	0.26 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.03% ProClin 300
Storage conditions	-20°C or -80°C if preferred
RRID	AB_2867265

Applications	Tested Dilution	Publications
Western Blot (WB)	1:200-1:2,000	-
Immunocytochemistry (ICC/IF)	1:10-1:100	-
ELISA (ELISA)	Assay-dependent	-

Product Images For 2-hydroxyisobutyryl-Histone H3 (Lys56) Polyclonal Antibody

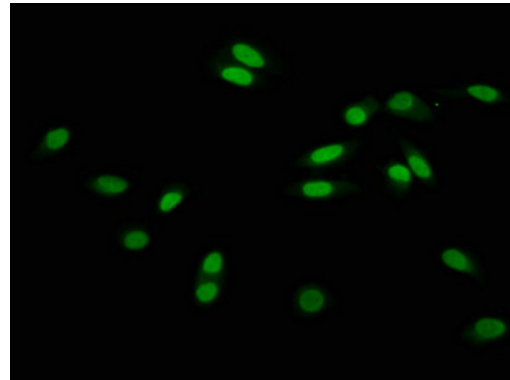
2-hydroxyisobutyryl-Histone H3 (Lys56) Antibody (PA5-112530) in WB

Western blot analysis of 2-hydroxyisobutyryl-Histone H3 (Lys56) using a polyclonal antibody (Product # PA5-112530) at a dilution of 2 µg/mL. A goat anti-rabbit polyclonal secondary antibody at a dilution of 1:50,000 was used for detection in Jurkat whole cell lysate, 293 whole cell lysate, and HepG2 whole cell lysate (treated by 30 mM sodium butyrate for 4 hours). Observed band: 16 kDa.



2-hydroxyisobutyryl-Histone H3 (Lys56) Antibody (PA5-112530) in ICC/IF

Immunocytochemical analysis of 2-hydroxyisobutyryl-Histone H3 (Lys56) in Hela cells using a 2-hydroxyisobutyryl-Histone H3 (Lys56) polyclonal antibody (Product # PA5-112530) at a dilution of 1:15. The cells were treated with 30mM sodium butyrate for 4 hours and counter stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the primary antibody overnight at 4°C. The secondary antibody was an Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).



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