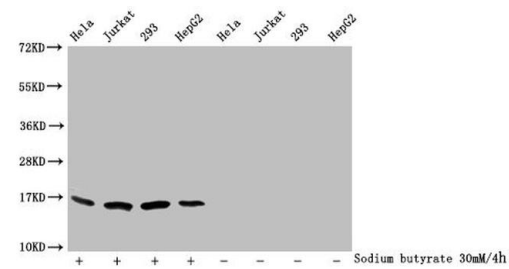


# Butyryl-Histone H3 (Lys79) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around site of Butyryl-Lys (79) derived from Human Histone H3.1 (72-83aa)
Form	Liquid
Concentration	0.15 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_2867269

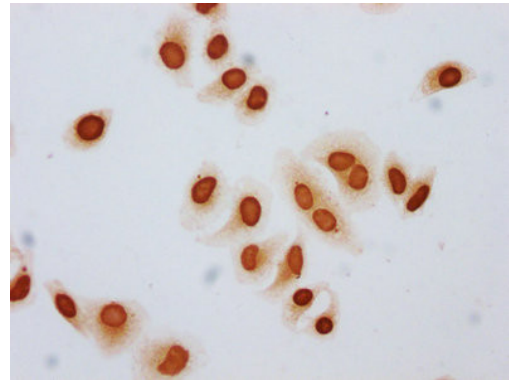
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunocytochemistry (ICC/IF)	1:10-1:100	-
ELISA (ELISA)	Assay-dependent	-

Product Images For Butyryl-Histone H3 (Lys79) Polyclonal Antibody



Butyryl-Histone H3 (Lys79) Antibody (PA5-112534) in WB

Western Blot analysis of Butyryl-Histone H3 (Lys79) in multiple sample types using a Butyryl-Histone H3 (Lys79) polyclonal antibody (Product # PA5-112534) at a dilution of 1:1000. A goat anti rabbit polyclonal secondary antibody was used at a dilution of 1:40,000. Sample types that were tested include: HeLa whole cell lysate, Jurkat whole cell lysate, 293 whole cell lysate, HepG2 whole cell lysate; Untreated (-) or treated (+) with 30mM sodium butyrate for 4h .



Butyryl-Histone H3 (Lys79) Antibody (PA5-112534) in ICC/IF

Immunocytochemical analysis of Butyryl-Histone H3 (Lys79) in HeLa cells using a Polyclonal antibody (Product # PA5-112534) at a dilution of 1:10. HeLa cells (treated with 30mM sodium butyrate for 4 hour) performed on a Leica Bond<sup>TM</sup> system. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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