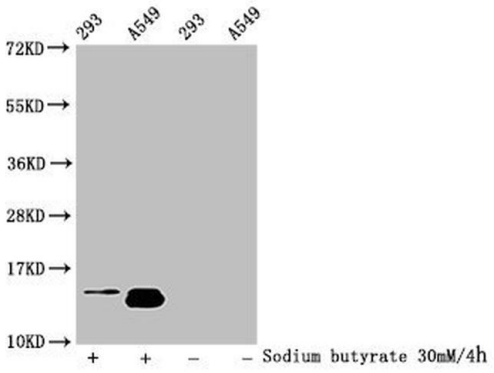
H2BK116ac Polyclonal Antibody

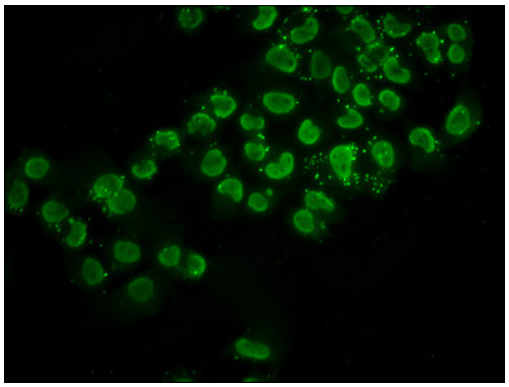
Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around site of Acetyl-Lys (116) derived from Human Histone H2B type 1-C/E/F/G/I
Form	Liquid
Concentration	0.26 mg/mL
Purification	Antigen affinity 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_2867210

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

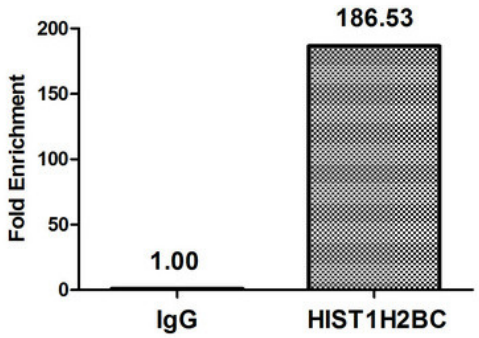
Product Images For H2BK116ac Polyclonal Antibody



H2BK116ac Antibody (PA5-112475) in WB
Western Blot analysis of H2BK116ac in multiple sample types using a H2BK116ac polyclonal antibody (Product # PA5-112475) at a dilution of 1:100. A goat anti rabbit polyclonal secondary antibody was used at a dilution of 1:50,000. Sample types that were tested include: 293 whole cell lysate, A549 whole cell lysate; Untreated (-) or treated (+) with 30mM sodium butyrate for 4h .



H2BK116ac Antibody (PA5-112475) in ICC/IF
Immunocytochemichal analysis of H2BK116ac in Hela cells using a Polyclonal antibody (Product # PA5-112475) at a dilution of 1:2.5. 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 antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated Goat Anti-Rabbit IgG(H+L). Cells were also counter-stained with DAPI.



H2BK116ac Antibody (PA5-112475) in ChIP
Chromatin Immunoprecipitation analysis of H2BK116ac in 10^6 Hela cells using a H2BK116ac polyclonal antibody (Product #PA5-112475). Hela cells were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5 µg anti-HIST1H2BC or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the beta-Globin promoter.

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