

H3K36me3 Polyclonal Antibody, ChIP-Verified

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human histone H3 (NP_0035201)
Form	Liquid
Concentration	1.09 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol
Contains	0.05% ProClin 300
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2807920

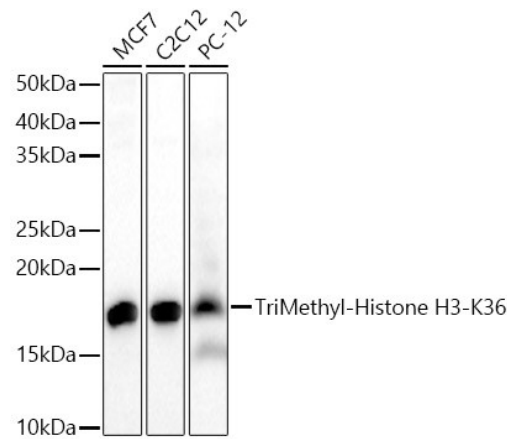
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-
ChIP assay (ChIP)	1:20-1:100	-
ChIP-sequencing (ChIP-Seq)	1:20-1:100	-
Dot blot (DB)	1:500-1:2,000	-

Product Specific Information

Positive Samples: HeLa, C2C12, H3 protein; Cellular Location: Chromosome, Nucleus

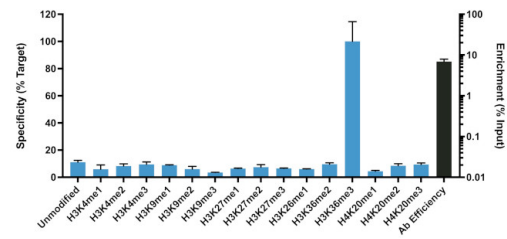
Immunogen sequence: ATGGVKKPHR Y

Product Images For H3K36me3 Polyclonal Antibody, ChIP-Verified



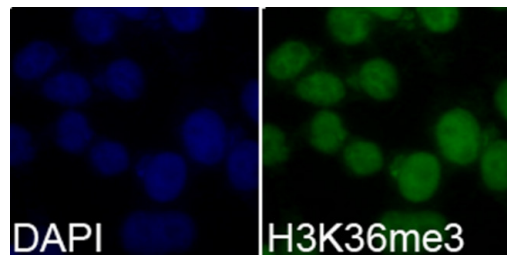
H3K36me3 Antibody (PA5-96118) in WB

Western blot analysis of H3K36me3 in various lysates. Samples were incubated with H3K36me3 Polyclonal antibody (Product # PA5-96118) using a dilution of 1:400, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



H3K36me3 Antibody (PA5-96118)

Antibody specificity was demonstrated by detection of enrichment of the targeted histone modification using SNAP-ChIP™ Spike-in, a proprietary technology developed by <a href= <https://www.epicypher.com>>EpiCypher™. SNAP-ChIP™ spike-in was performed using H3K36me3 polyclonal antibody (Product # PA5-96118) and H3K36me3 was enriched compared to the other histone modifications in the SNAP-ChIP™ K-MetStat Panel (Product # A47356). {SNAP-ChIP}



H3K36me3 Antibody (PA5-96118) in ICC/IF

Immunofluorescence analysis of H3K36me3 in 293T cells. Samples were incubated with H3K36me3 Polyclonal antibody (Product # PA5-96118). Blue: DAPI for nuclear staining.

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