H4K20me3 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Histone H4K20me3 (trimethyl Lys20).
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2792667

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Dot blot (DB)	1:500	-

Product Specific Information

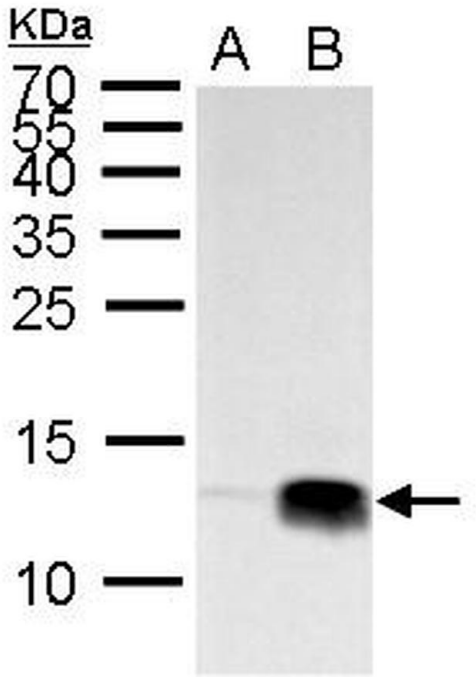
Keep as concentrated solution.

Predicted reactivity: Mouse (100%), Xenopus laevis (100%).

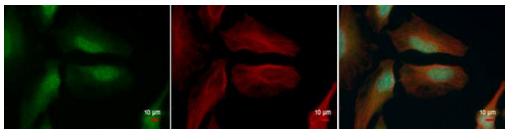
Positive Control: HeLa, HeLa nuclear.

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

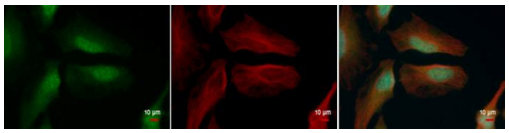
Product Images For H4K20me3 Polyclonal Antibody



H4K20me3 Antibody (PA5-85527) in WB
Western blot analysis of Tri-Methyl-Histone H4 (Lys20) in A) HeLa whole cell lysate, B) HeLa nuclear lysate using Tri-Methyl-Histone H4 (Lys20) polyclonal antibody (Product # PA5-85527) using 30 µg of sample at a dilution of 1:2000. Prior to incubation with primary antibody, the sample was separated on 15% SDS-PAGE.



H4K20me3 Antibody (PA5-85527) in ICC/IF
Histone H4 (tri methyl Lys20) antibody detects Histone H4 (tri methyl Lys20) protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Histone H4 (tri methyl Lys20) protein stained by Histone H4 (tri methyl Lys20) antibody (Product # PA5-85527) diluted at 1:500. Red: alpha Tubulin antibody [GT114], a cytoskeleton marker, stained by (Product # MA5-31466) diluted at 1:500. Blue: Hoechst 33342 staining.



H4K20me3 Antibody (PA5-85527) in ICC/IF
Immunocytochemistry analysis of Tri-Methyl-Histone H4 (Lys20) in 4% paraformaldehyde-fixed HeLa cells using Tri-Methyl-Histone H4 (Lys20) polyclonal antibody (Product # PA5-85527) at a dilution of 1:500. Sample was then incubated with alpha Tubulin and Hoechst secondary antibody.

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