

Rabbit Histone H4K20me3 Polyclonal Antibody | anti-HIST3H3 antibody

Histone H4K20me3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302939	Rabbit	Human, Mouse, Rat	Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, Immunofluorescence, Western Blot

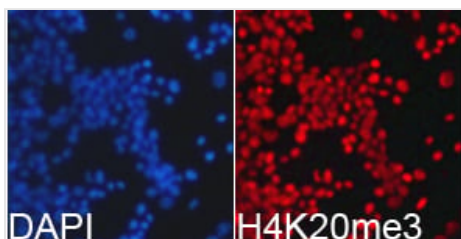
PRODUCT SYNONYMS

Histone H4K20me3; Polyclonal Antibody; Histone H4K20me3 Antibody; H4; H4/n; H4F2; H4FN; FO108; HIST2H4; anti-HIST3H3 antibody

PRODUCT SPECIFICATIONS

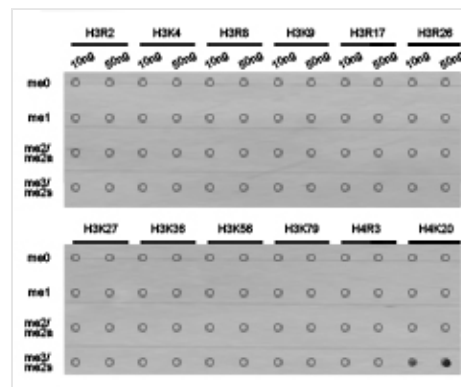
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Antibodies were produced by immunizing rabbits and were purified by antigen affinity-chromatography.
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	136
Applicable Applications for anti-HIST3H3 antibody	ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic methylated peptide corresponding to residues surrounding K20 of human histone H4
Modification	K20me3
Target Name	Histone H4
Preparation and Storage	Store at -20 degree C or -80 degree C. Avoid freeze / thaw cycles.

IMAGES



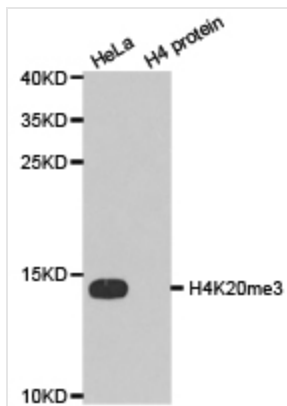
IF (Immunofluorescence)

Immunofluorescence analysis of 293T cell using H4K20me3 antibody. Blue: DAPI for nuclear staining.



DB (Dot Blot)

Dot-blot analysis of all sorts of methylation peptides using H4K20me3 antibody.



WB (Western Blot)
 Western blot analysis of extracts of HeLa cell line and H4 protein expressed in E. coli., using H4K20me3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HIST3H3 antibody	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.
Product Categories/Family for anti-HIST3H3 antibody	Methyl-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504299
NCBI GeneID	8290
NCBI Accession #	NP_003484.1
NCBI GenBank Nucleotide #	NM_003493.2
UniProt Accession #	Q16695 ; Q6FGU4 ; B2R5K3
Molecular Weight	15,508 Da
NCBI Official Full Name	histone H3.1t
NCBI Official Synonym Full Names	histone cluster 3, H3
NCBI Official Symbol	HIST3H3
NCBI Official Synonym Symbols	H3t; H3.4; H3/g; H3FT
NCBI Protein Information	histone H3.1t
UniProt Protein Name	Histone H3.1t
UniProt Gene Name	HIST3H3
UniProt Synonym Gene Names	H3FT; H3/t; H3t
UniProt Entry Name	H31T_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-h4k20me3-antibody-chromatin-immunoprecipitation-immunoprecipitation-immunofluorescence-western-blot-elisa/302939>