

Rabbit Histone H3 Polyclonal Antibody | anti-H3 antibody

Anti-Histone H3 (MonoMethyl-K27) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265089	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Zebrafish	Immunohistochemistry, Western Blot

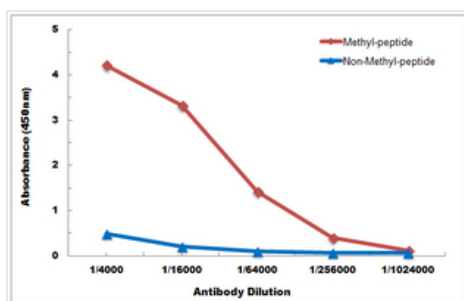
PRODUCT SYNONYMS

Histone H3; Polyclonal Antibody; Anti-Histone H3 (MonoMethyl-K27) Antibody; anti-H3 antibody

PRODUCT SPECIFICATIONS

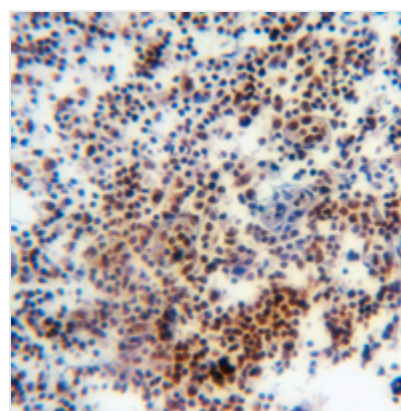
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Histone H3 protein only when Mono-methylated at K27.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-H3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic Mono-methylated peptide corresponding to residues surrounding K27 of human Histone H3 protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



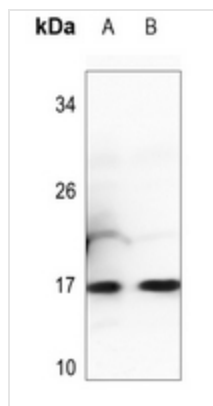
ELISA

Direct ELISA antibody dose-response curve using Anti-Histone H3 (MonoMethyl-K27) Antibody. Antigen (methyl-peptide and non-methyl-peptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Histone H3 (MonoMethyl-K27) staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Histone H3 (MonoMethyl-K27) expression in A549 (A), H1688 (B) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 17 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-H3 antibody	Rabbit polyclonal antibody to Histone H3 (MonoMethyl-K27)
Product Categories/Family for anti-H3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504281
NCBI GeneID	8350
NCBI Accession #	NP_003520.1
NCBI GenBank Nucleotide #	NM_003529.2
UniProt Accession #	P68431 ; Q71DI3 ; P84243 ; Q6NXT2
Molecular Weight	15,404 Da
NCBI Official Full Name	histone H3.1
NCBI Official Synonym Full Names	histone cluster 1, H3a
NCBI Official Symbol	HIST1H3A
NCBI Official Synonym Symbols	H3/A; H3FA
NCBI Protein Information	histone H3.1; histone H3/a; histone 1, H3a; H3 histone family, member A
UniProt Protein Name	Histone H3.1
UniProt Gene Name	HIST1H3A
UniProt Synonym Gene Names	H3FA
UniProt Entry Name	H31_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://www.aaabiotech.com/polyclonal/histone-h3-antibody-immunohistochemistry-western-blot-elisa/265089>