

Rabbit Histone H3 Polyclonal Antibody | anti-H3 antibody

Anti-Histone H3 (DiMethyl-K4) Antibody

CATALOG # AAA265022	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Bovine, Chicken, Pig, Zebrafish	APPLICATIONS Western Blot
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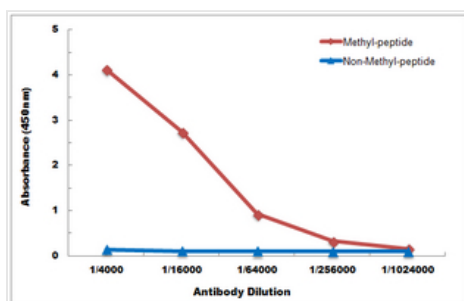
PRODUCT SYNONYMS

Histone H3; Polyclonal Antibody; Anti-Histone H3 (DiMethyl-K4) Antibody; anti-H3 antibody

PRODUCT SPECIFICATIONS

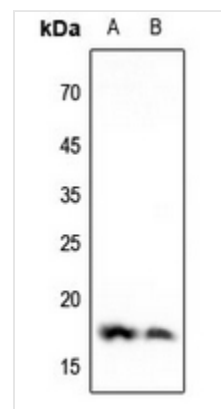
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Pig, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Histone H3 protein only when Di-methylated at K4.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-H3 antibody	WB (Western Blot)
Immunogen	KLH-conjugated synthetic Di-methylated peptide corresponding to residues surrounding K4 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 (DiMethyl-K4) 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.



WB (Western Blot)

Western blot analysis of Histone H3 (DiMethyl-K4) expression in U2OS (A), DLD (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 (DiMethyl-K4)
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-western-blot-elisa/265022>