

Histone H3 Monoclonal Antibody | anti-H3 antibody

Histone H3 (tri methyl K9) Mouse Monoclonal Antibody

CATALOG # AAA266770	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Histone H3; Monoclonal Antibody; Histone H3 (tri methyl K9) Mouse Monoclonal Antibody; anti-H3 antibody

PRODUCT SPECIFICATIONS

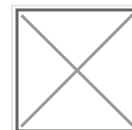
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Clone Number	4H8
Specificity	The Histone H3(tri methyl K9) antibody can detects endogenous Histone H3(tri methyl K9) protein
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	136
Applicable Applications for anti-H3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Preparation and Storage	Store at -20 degree C for 1 year. Do not aliquot the antibody.

IMAGES



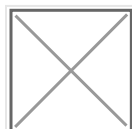
Application Data

Western blot analysis of 1) Rat Testis Tissue, 2) Raw264.7 with E12-136 diluted at 1:2000.1*
Input: Hela Cell Lysate2*IP product: IP dilute 1:200Western blot analysis: primary antibody :
E12-136 1:1,000Secondary antibody: Goat anti-Mouse IgG(H+L) (S001) 1:10,000



Application Data

Western blot analysis of Hela with E12-136 diluted at1) 1:2,0002) 1:5,000



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-H3 antibody	Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3273350
Molecular Weight	15,406 Da
NCBI Official Full Name	histone H3
UniProt Protein Name	Histone H3.3
UniProt Gene Name	H3

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/monoclonal/histone-h3-antibody-clone-4h8-immunoprecipitation-western-blot-elisa/266770>