

Rabbit anti-Human, Mouse Acetyl-Histone H3 Monoclonal Antibody | anti-Acetyl-H3 antibody

Acetyl-Histone H3 (Lys4) Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269579	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot

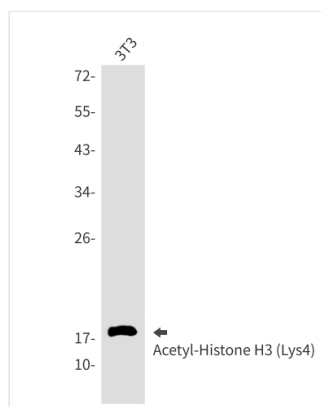
PRODUCT SYNONYMS

Acetyl-Histone H3; Monoclonal Antibody; Acetyl-Histone H3 (Lys4) Rabbit mAb; anti-Acetyl-H3 antibody

PRODUCT SPECIFICATIONS

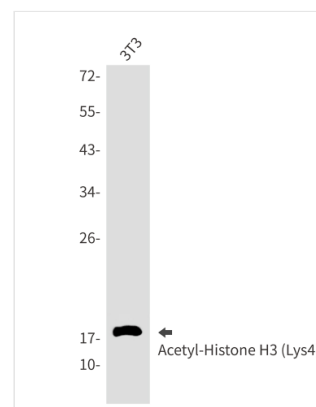
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	R06-2C5
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-Acetyl-H3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Histone H3 (acetyl K4)
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of Acetyl-Histone H3 (Lys4) in A549, HL-60 lysates using Acetyl-Histone H3 (Lys4) antibody.



WB (Western Blot)

Western blot analysis of Acetyl-Histone H3 (Lys4) in 3T3 lysates using Acetyl-Histone H3 (Lys4) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Acetyl-H3 antibody

H3 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.

Product Categories/Family for anti-Acetyl-H3 antibody	Primary Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504281
NCBI GeneID	8350
NCBI Accession #	NP_003520.1
NCBI GenBank Nucleotide #	NM_003529.2
UniProt Accession #	P68431; P02295; P02296; P16106; Q6ISV8; Q6NWP8; Q6NWP9; Q6NXU4; Q71DJ3; Q93081; A0PJT7; A5PLR1
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://stage.aaabiotech.com/monoclonal/acetyl-histone-h3-antibody-clone-r06-2c5-immunofluorescence-immunocytochemistry-western-blot-elisa/269579>