

Rabbit anti-Human Acetyl-HIST1H1B Polyclonal Antibody | anti-HIST1H1B antibody

Acetyl-HIST1H1B (K16) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234324	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, Immunofluorescence, ELISA

PRODUCT SYNONYMS

Acetyl-HIST1H1B; Polyclonal Antibody; Acetyl-HIST1H1B (K16) Antibody; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1B; H1F5; anti-HIST1H1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Antigen Affinity Purified
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Applicable Applications for anti-HIST1H1B antibody	ChIP (Chromatin immunoprecipitation), IF (Immunofluorescence), ELISA
Immunogen	Peptide sequence around site of Acetyl-Lys (16) derived from Human Histone H1.5
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H1B
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



Application Data

Chromatin Immunoprecipitation Hela (4*106, treated with 30mM sodium butyrate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 8ug anti-HIST1H1B (AAA234324) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the-Globin promoter.



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells (sodium butyrate, 30 mM, 4h) using AAA234324 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H1B antibody	Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885381
NCBI GeneID	3009
NCBI Accession #	NP_005313.1
NCBI GenBank Nucleotide #	NM_005322.2
UniProt Accession #	P16401; Q14529; Q3MJ42
NCBI Official Full Name	histone H1.5
NCBI Official Synonym Full Names	histone cluster 1 H1 family member b
NCBI Official Symbol	HIST1H1B
NCBI Official Synonym Symbols	H1; H1B; H1.5; H1F5; H1s-3
NCBI Protein Information	histone H1.5
UniProt Protein Name	Histone H1.5
UniProt Gene Name	HIST1H1B
UniProt Synonym Gene Names	H1F5

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/acetyl-hist1h1b-antibody-chromatin-immunoprecipitation-immunofluorescence-elisa/234324>