

Histone H4 Antibody | anti-HIST2H4B antibody

Histone H4 (Acetyl-Lys5) Antibody

CATALOG # AAA110632	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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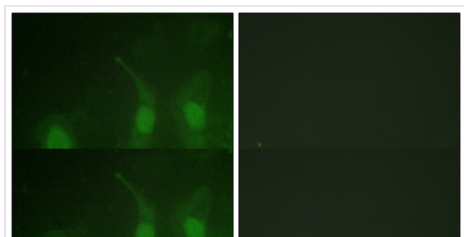
PRODUCT SYNONYMS

Histone H4; Histone H4 (Acetyl-Lys5) Antibody; H4F2; HIST; HIST1H4A; anti-HIST2H4B antibody

PRODUCT SPECIFICATIONS

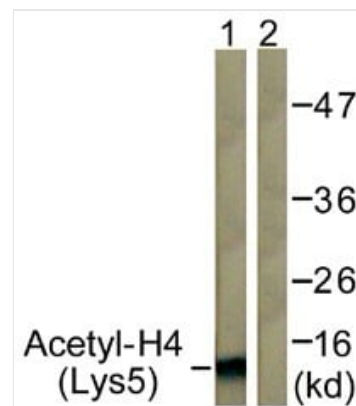
Reactivity	Human, Mouse, Rat
Specificity	Histone H4 (Acetyl-Lys5) antibody detects endogenous levels of total Histone H4 protein only when acetylated at lysine 5.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	103
Applicable Applications for anti-HIST2H4B antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human human Histone H4 around the acetylation site of lysine 5(R-G-KA-G-G).
All Sites	Human: Lys5 Mouse: Lys5 Rat: Lys5
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



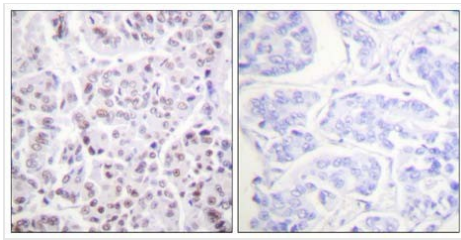
IF (Immunofluorescence)

A-peptide-+ Immunofluorescence analysis of HeLa cells, using Histone H4 (Acetyl-Lys5) Antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Histone H4 (Acetyl-Lys5) Antibody. Western blot analysis of extracts from COS7 cells, treated with TSA 400nM 24h, using Histone H4 (Acetyl-Lys5) Antibody.



Application Data
A-peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-HIST2H4B antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	M Couppez, J. Biol. Chem., Feb 1987; 262: 2854-2860. BM Turner, J. Cell Sci., Jun 1990; 96: 335. Albig W., Genomics 10:940-948(1991).

NCBI AND UNIPROT INFORMATION

NCBI GI #	77539758
NCBI GeneID	554313
NCBI Accession #	NP_001029249.1
NCBI GenBank Nucleotide #	NM_001034077.4
UniProt Accession #	P62805; P02304; P02305; Q6DRA9; Q6FGB8; Q6NWP7; A2VCL0
Molecular Weight	11,367 Da
NCBI Official Full Name	histone H4
NCBI Official Synonym Full Names	histone cluster 2 H4 family member b
NCBI Official Symbol	HIST2H4B
NCBI Official Synonym Symbols	H4/o
NCBI Protein Information	histone H4
UniProt Protein Name	Histone H4
UniProt Gene Name	HIST1H4A
UniProt Synonym Gene Names	H4/A; H4FA

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/human-mouse-rat-antibody/histone-h4/110632>