

anti-Human, Mouse Histone H1 Antibody | anti-H1 antibody

Histone H1 (Phospho-Thr17) Antibody

CATALOG # AAA111937	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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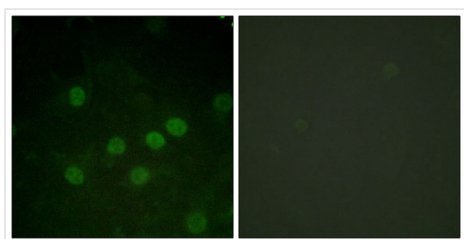
PRODUCT SYNONYMS

Histone H1; Histone H1 (Phospho-Thr17) Antibody; H1 histone family; member 5; H1.5; H15; H1F5; HIST1H1B; histone 1; histone H1.5; histone H1a; anti-H1 antibody

PRODUCT SPECIFICATIONS

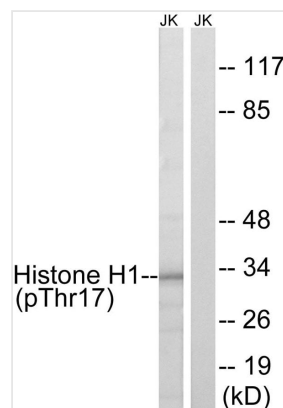
Reactivity	Human, Mouse
Specificity	Histone H1 (Phospho-Thr17) antibody detects endogenous levels of Histone H1 only when phosphorylated at threonine 17.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
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	226
Applicable Applications for anti-H1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Histone H1 around the phosphorylation site of threonine 17 (E-K-TP-P-V).
All Sites	Human: Thr17 Mouse: Thr17
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



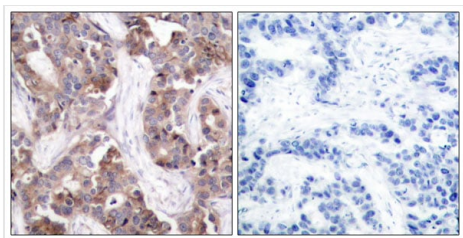
IF (Immunofluorescence)

serum +- Immunofluorescence analysis of HuvEc cells, treated with serum (20%, 30mins), using Histone H1 (Phospho-Thr17) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Histone H1 (Phospho-Thr17) antibody. Western blot analysis of extracts from Jurkat cells, treated with UV (15mins), using Histone H1 (Phospho-Thr17) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-H1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Albig W., Gene 184:141-148(1997). Marzluff W.F., Genomics 80:487-498(2002). Olsen J.V., Cell 127:635-648(2006).

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
Molecular Weight	22,580 Da
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/human-mouse-antibody/histone-h1/111937>