

Histone H3 Antibody | anti-HIST1H3A antibody

Histone H3 (Phospho-Thr11) Antibody

CATALOG # AAA267481	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence
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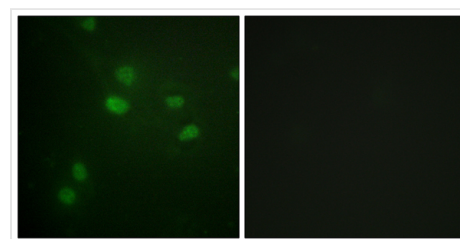
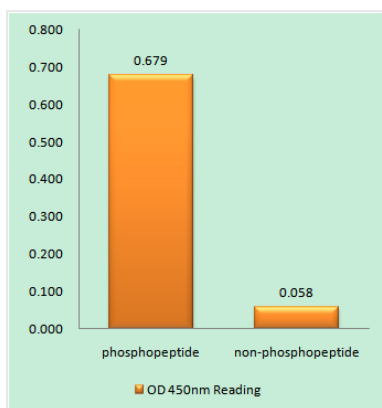
PRODUCT SYNONYMS

Histone H3; Histone H3 (Phospho-Thr11) Antibody; H3/a; H3/c; H3/d; H3/f; H3/h; H3/i; H3/j; H3/k; H3/l; H31; HIST1H3A; histone H3.1; anti-HIST1H3A antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Histone H3 (Phospho-Thr11) antibody detects endogenous levels of Histone H3 only when phosphorylated at threonine 11.
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	136
Applicable Applications for anti-HIST1H3A antibody	ELISA, IF (Immunofluorescence)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Histone H3 around the phosphorylation site of threonine 11 (K-S-TP-G-G).
All Sites	Human: Thr11 Mouse: Thr11 Rat: Thr12
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide+

IF (Immunofluorescence)

Immunofluorescence analysis of HuvEc cells, using Histone H3 (Phospho-Thr11) antibody. Histone H3 (Phospho-Thr11) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

References	Kyu Heo. J. Biol. Chem., May 2007; 282: 15476-15483. Sandra B. Hake. PNAS, Apr 2006; 103: 6428-6435. Jeong-Heon Lee. J. Biol. Chem., May 2007; 282: 13419-13428.
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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 H3 family member a
NCBI Official Symbol	HIST1H3A
NCBI Official Synonym Symbols	H3/A; H3FA
NCBI Protein Information	histone H3.1
UniProt Protein Name	Histone H3.1
UniProt Gene Name	HIST1H3A
UniProt Synonym Gene Names	H3FA

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-rat-antibody/histone-h3/267481>