

Rabbit Histone H3.1 Polyclonal Antibody | anti-HIST1H3A antibody

Histone H3.1 (Phospho-Ser10) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316508	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

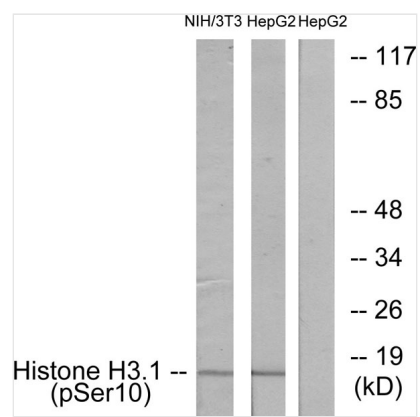
PRODUCT SYNONYMS

Histone H3.1; Polyclonal Antibody; Histone H3.1 (Phospho-Ser10) 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

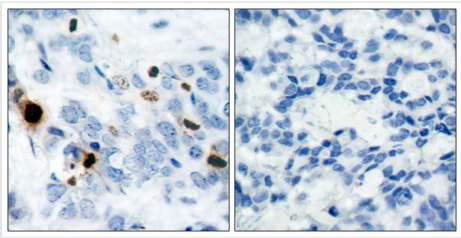
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Histone H3.1 (Phospho-Ser10) Antibody detects endogenous levels of Histone H3.1 only when phosphorylated at Ser10.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	136
Applicable Applications for anti-HIST1H3A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S10; M:S10; R:S10
Immunogen	The antiserum was produced against synthesized peptide derived from human Histone H3.1 around the phosphorylation site of Ser10.
Immunogen Range	Jan-50
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from NIH/3T3 cells and HepG2 cells, using Histone H3.1 (Phospho-Ser10) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Histone H3.1 (Phospho-Ser10) Antibody. The picture on the right is blocked with the phospho peptide.

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 kDa
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/polyclonal/histone-h31-antibody-immunohistochemistry-western-blot-elisa/316508>