

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

Histone H3.1 Antibody (Thr3)

CATALOG # AAA226132	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Histone H3.1; Polyclonal Antibody; Histone H3.1 Antibody (Thr3); Rabbit Polyclonal Histone H3.1 Antibody (Thr3); Polyclonal Histone H3.1 antibody; Anti-Histone H3.1 antibody; Histone H3.1 antibody; Histone H3/a antibody; Histone H3/b antibody; Histone H3/c antibody; Histone H3/d antibody; Histone H3/f antibody; Histone H3/h antibody; Histone H3/i antibody; Histone H3/j antibody; Histone H3/k antibody; Histone H3/l antibody; H3 histone family member A antibody; H3/A antibody; H31 antibody; H3FA antibody; H3FB antibody; H3FC antibody; H3FD antibody; H3FF antibody; H3FH antibody; H3FI antibody; H3FJ antibody; H3FK antibody; H3FL antibody; HIST1H3A antibody; HIST1H3B antibody; HIST1H3C antibody; HIST1H3D antibody; HIST1H3E antibody; HIST1H3F antibody; HIST1H3G antibody; HIST1H3H antibody; HIST1H3I antibody; HIST1H3J antibody; histone 1 H3a antibody; histone cluster 1 H3a antibody; anti-HIST1H3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	Histone H3.1 antibody (Thr3) detects endogenous levels of Histone H31 only when phosphorylated at Threonine 3
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (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)
Immunogen	Histone H3.1 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human Histone H31 around the phosphorylation site of Threonine 3 (A-R-TP-K-Q) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human malignant lymphoma tissue using Histone H3.1 antibody (Thr3)



WB (Western Blot)

Western blot analysis of extracts from HuvEc cells treated with Serum. Left: Using Histone H3.1 (phospho-Thr3) antibody. Right: Using the same antibody preincubated with synthesized peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H3A antibody	Histone H3.1 is a core component of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504285
NCBI GenBank Nucleotide #	NP_003522.1
UniProt Accession #	P68431
NCBI Official Full Name	histone H3.1
UniProt Protein Name	Histone H3.1
UniProt Gene Name	HIST1H3A
UniProt Synonym Gene Names	H3FA
UniProt Entry Name	H31_HUMAN

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/226132>