

Rabbit anti-Human, Mouse HIST1H1A Polyclonal Antibody | anti-HIST1H1A antibody

HIST1H1A Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282234	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

HIST1H1A; Polyclonal Antibody; HIST1H1A Rabbit pAb; H1A; H1.1; H1F1; HIST1; anti-HIST1H1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-HIST1H1A antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	HepG2, Jurkat, Mouse spleen, Mouse thymus
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 116-168 of human HIST1H1A (NP_005316.1).
Cellular Location	cell surface, nucleoplasm, nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using HIST1H1A Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HIST1H1A antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H1A antibody

Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

Product Categories/Family for anti-HIST1H1A antibody

Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	3024
UniProt Accession #	Q0J4K2
Molecular Weight	Observed MW: 22KDa Calculated MW: 21kDa

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/hist1h1a-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282234>