

Rabbit anti-Human, Mouse HIST1H3A Polyclonal Antibody | anti-HIST1H3A antibody

HIST1H3A Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176267	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

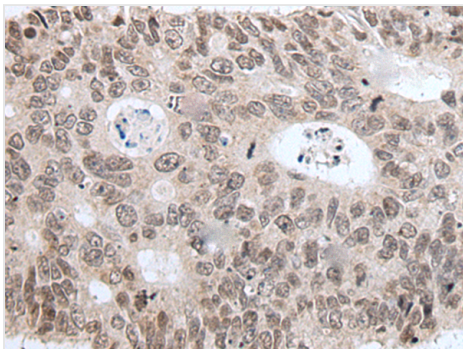
PRODUCT SYNONYMS

HIST1H3A; Polyclonal Antibody; HIST1H3A Polyclonal Antibody; H3 histone family; Member A; H3/A; H31; H3FA; Hist1h3a; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J; Histone 1; H3a; Histone cluster 1; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; anti-HIST1H3A antibody

PRODUCT SPECIFICATIONS

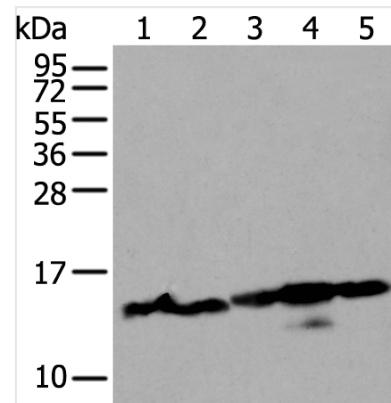
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	136
Applicable Applications for anti-HIST1H3A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using HIST1H3A Polyclonal Antibody at dilution of 1:35(×200)



WB (Western Blot)

Western blot analysis of 293T and HeLa cell lysates using HIST1H3A Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H3A antibody	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.
Product Categories/Family for anti-HIST1H3A antibody	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504281
NCBI Accession #	NP_003520.1; BC069303
NCBI GenBank Nucleotide #	NP_003520.1
UniProt Accession #	P68431
Molecular Weight	15 kDa
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://www.aaabiotech.com/polyclonal/hist1h3a-antibody-immunohistochemistry-western-blot-elisa/176267>