

Rabbit anti-Human, Rat TriMethyl-Histone H3 Monoclonal Antibody | anti-HIST1H3A antibody

Recombinant TriMethyl-Histone H3 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178815	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

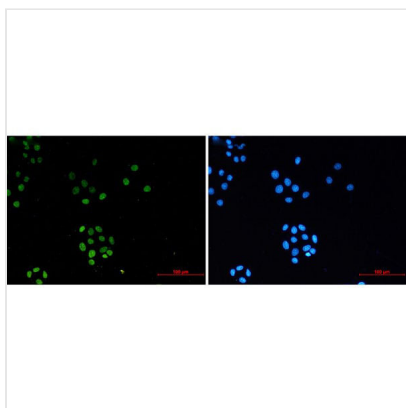
PRODUCT SYNONYMS

TriMethyl-Histone H3; Monoclonal Antibody; Recombinant TriMethyl-Histone H3 Monoclonal 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

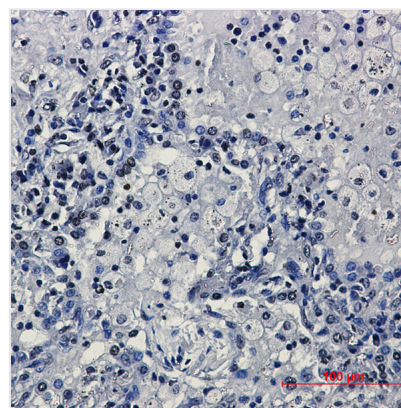
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R01-8I4
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-HIST1H3A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic methyl-peptide corresponding to residues surrounding Lys27 of human Histone H3
Research Area	Cancer, Epigenetics and Nuclear Signaling
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

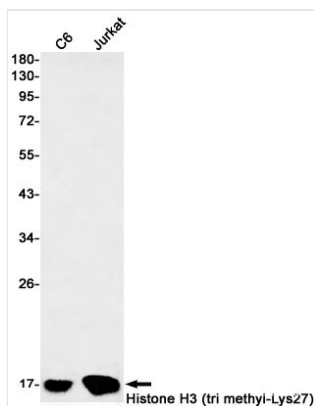
IMAGES


IF (Immunofluorescence)

Immunofluorescence of TriMethyl-Histone H3 (Lys27)(green) in HeLa using TriMethyl-Histone H3 (Lys27) antibody at dilution 1/20, and DAPI(blue)


IHC (Immunohistochemistry)

Immunohistochemical of TriMethyl-Histone H3 (Lys27) in Human lung cancer tissue using TriMethyl-Histone H3 (Lys27) antibody at dilution 1:20



WB (Western Blot)

Western blot detection of Histone H3 (tri methyl-Lys27) in C6,Jurkat cell lysates using Histone H3 (tri methyl-Lys27) Rabbit mAb(1:1000 diluted).Predicted band size:15kDa.Observed band size:15kDa.

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 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	Antibodies; Primary Antibodies; Recombinant Antibody

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, H3a
NCBI Official Symbol	HIST1H3A
NCBI Official Synonym Symbols	H3/A; H3FA
NCBI Protein Information	histone H3.1; histone H3/a; histone 1, H3a; H3 histone family, member A
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/monoclonal/trimethyl-histone-h3-antibody-clone-r01-8i4-immunofluorescence-immunohistochemistry-western-blot-elisa/178815>