

Rabbit Histone H3 Monoclonal Antibody | anti-HIST1H3A antibody

Histone H3 (Di Methyl K9) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312710	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot

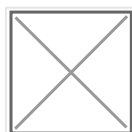
PRODUCT SYNONYMS

Histone H3; Monoclonal Antibody; Histone H3 (Di Methyl K9) Antibody; HIST1 cluster; H3J antibody; Histone gene cluster 1; H3 histone family; member E antibody; H3G antibody; member J antibody; H3E antibody; H3I antibody; H3C antibody; FLJ92264 antibody; member A antibody; member B antibody; member C antibody; member D antibody; member F antibody; member H antibody; member I antibody; member K antibody; member L antibody; member T antibody; H3 histone; family 3A antibody; H3.1 antibody; H3.3A antibody; H3/a antibody; H3/b antibody; H3/c antibody; H3/d antibody; h3/f antibody; H3/h antibody; H3/i antibody; H3/j antibody; H3/k antibody; H3/l antibody; H3/t antibody; H31_HUMAN antibody; H3F1K antibody; H3F3 antibody; H3F3A antibody; H3FA antibody; H3FB antibody; H3FC antibody; H3FD antibody; H3FF antibody; H3FH antibody; H3FI antibody; H3FJ antibody; H3FK antibody; H3FL antibody; H3A antibody; H3B antibody; H3D antibody; H3F antibody; H3H antibody; HIST1H3A antibody; HIST1H3B antibody; HIST1H3C antibody; HIST1H3D antibody; HIST1H3E antibody; HIST1H3F antibody; HIST1H3G antibody; HIST1H3H antibody; HIST1H3I antibody; HIST1H3J antibody; HIST3H3 antibody; Histone 1; H3a antibody; H3b antibody; H3c antibody; H3d antibody; H3e antibody; H3f antibody; H3g antibody; H3h antibody; H3i antibody; H3j antibody; histone 3; H3 antibody; histone cluster 1 H3 family member a antibody; histone cluster 1 H3 family member b antibody; histone cluster 1 H3 family member c antibody; histone cluster 1 H3 family member d antibody; histone cluster 1 H3 family member e antibody; histone cluster 1 H3 family member f antibody; histone cluster 1 H3 family member g antibody; histone cluster 1 H3 family member h antibody; histone cluster 1 H3 family member i antibody; histone cluster 1 H3 family member j antibody; Histone cluster 1; member G antibody; Histone H 3 antibody; Histone H3.1 antibody; histone H3.1t antibody; Histone H3.2 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; Histone H3/m antibody; Histone H3/o antibody; anti-HIST1H3A antibody

PRODUCT SPECIFICATIONS

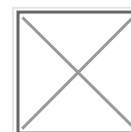
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN07-30
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-HIST1H3A antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining Histone H3 (di methyl K9) in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Histone H3 (di methyl K9) in L6 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Histone H3 (di methyl K9) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Histone H3 (di methyl K9) in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H3A antibody	Eukaryotic histones are basic and water soluble nuclear proteins that form hetero-octameric nucleosome particles by wrapping 146 base pairs of DNA in a left-handed super-helical turn sequentially to form chromosomal fiber. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form the octamer; formed of two H2A-H2B dimers and two H3-H4 dimers, forming two nearly symmetrical halves by tertiary structure. Over 80% of nucleosomes contain the linker Histone H1, derived from an intronless gene, that interacts with linker DNA between nucleosomes and mediates compaction into higher order chromatin. Histones are subject to posttranslational modification by enzymes primarily on their N-terminal tails, but also in their globular domains. Such modifications include methylation, citrullination, acetylation, phosphorylation, sumoylation, ubiquitination and ADP-ribosylation.
Product Categories/Family for anti-HIST1H3A antibody	Methyl-specific Ab

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/histone-h3-antibody-clone-sn07-30-immunofluorescence-immunocytochemistry-western-blot-elisa/312710>