

Rabbit Histone H3 Polyclonal Antibody | anti-HIST1H3A antibody

Histone H3 (Acetyl-Lys27) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA317997	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry

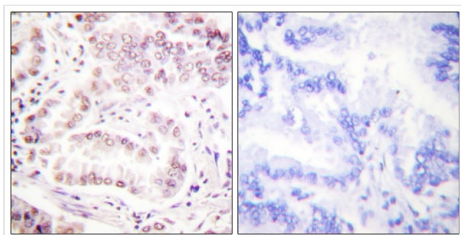
PRODUCT SYNONYMS

Histone H3; Polyclonal Antibody; Histone H3 (Acetyl-Lys27) Antibody; H3/a; H3/c; H3/d; H3/f; H3/h; H3/i; H3/j; H3/k; H3/l; H31; HIST1H3A; histone H3.1; anti-HIST1H3A antibody

PRODUCT SPECIFICATIONS

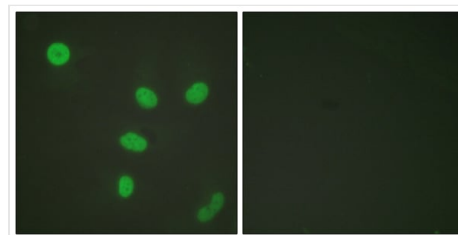
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Histone H3 (Acetyl-Lys27) Antibody detects endogenous levels of total Histone H3 protein only when acetylated at Lys27.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using acetylated peptide. The antibody against non-acetylated peptide was removed by chromatography using corresponding non-acetylated peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (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, IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Modification	Acetyl
Modification Sites	H:K27; M:K27; R:K27
Immunogen	The antiserum was produced against synthesized peptide derived from human Histone H3 around the acetylated site of Lys27.
Immunogen Range	Nov-60
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Histone H3 (Acetyl-Lys27) Antibody. The picture on the right is blocked with the synthesized peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Histone H3 (Acetyl-Lys27) Antibody. The picture on the right is blocked with the synthesized peptide.

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 kDa
NCBI Official Full Name	histone H3.1
NCBI Official Synonym Full Names	histone cluster 1 H3 family member a
NCBI Official Symbol	HIST1H3A
NCBI Official Synonym Symbols	H3/A; H3FA
NCBI Protein Information	histone H3.1
UniProt Protein Name	Histone H3.1
UniProt Gene Name	HIST1H3A
UniProt Synonym Gene Names	H3FA

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/histone-h3-antibody-immunofluorescence-immunohistochemistry-elisa/317997>