

Rabbit Histone H4 Polyclonal Antibody | anti-HIST4H4 antibody

Rabbit Polyclonal (IgG) to Human Histone H4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52006	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

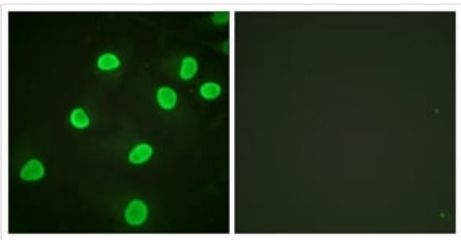
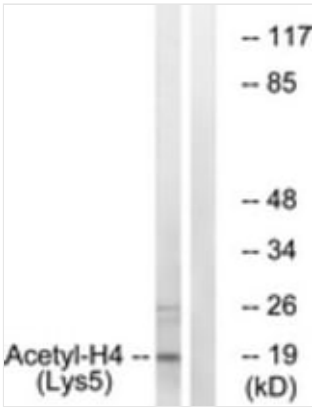
PRODUCT SYNONYMS

Histone H4; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human Histone H4; Anti-Histone H4 Antibody (Acetyl-Lys5) IHC-plus; Human Histone H4; anti-HIST4H4 antibody

PRODUCT SPECIFICATIONS

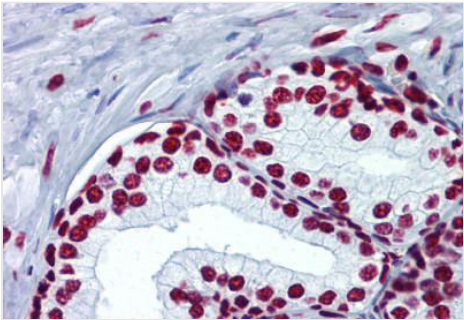
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Histone H4 (Acetyl-Lys5) Antibody detects endogenous levels of total Histone H4 protein only when acetylated at lysine5.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	103
Applicable Applications for anti-HIST4H4 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human Histone H4 around the acetylated site of Lys5.
Immunogen Type	Synthetic peptide
Immunogen	Histone H4 antibody was raised against synthetic peptide from human Histone H4 around the acetylated site of Lys5.
Antigen Modification	Acetyl-Lys5
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of HeLa cells, using Histone H4 (Acetyl-Lys5) Antibody. The picture on the right is treated with the synthesized peptide.

WB (Western Blot)
Western blot of extracts from COS7 cells, treated with TSA 400 nM 24h, using Histone H4 (Acetyl-Lys5) Antibody. The lane on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)
Anti-Histone H4 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28173560
NCBI GeneID	121504
NCBI Accession #	NP_778224.1
NCBI GenBank Nucleotide #	NM_175054.2
Molecular Weight	11,367 Da
NCBI Official Full Name	histone H4
NCBI Official Synonym Full Names	histone cluster 4, H4
NCBI Official Symbol	HIST4H4
NCBI Official Synonym Symbols	H4/p
NCBI Protein Information	histone H4; histone 4, H4
UniProt Protein Name	Histone H4
UniProt Gene Name	HIST1H4A
UniProt Synonym Gene Names	H4/A; H4FA
UniProt Entry Name	H4_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/polyclonal/histone-h4-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/52006>