

Rabbit Histone H4-K5 Polyclonal Antibody | anti-HIST2H4B antibody

Acetyl-Histone H4-K5 pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311231	Rabbit	Human, Mouse, Rat	Chromatin Immunoprecipitation, Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

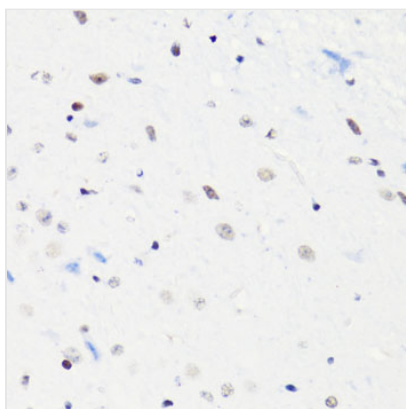
PRODUCT SYNONYMS

Histone H4-K5; Polyclonal Antibody; Acetyl-Histone H4-K5 pAb; HIST2H4A; FO108; H4; H4/n; H4F2; H4FN; HIST2H4; histone H4; anti-HIST2H4B antibody

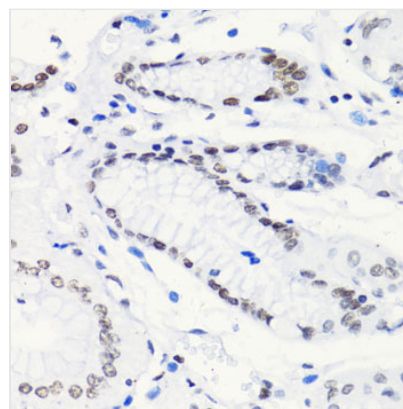
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-HIST2H4B antibody	ChIP (Chromatin immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic acetylated peptide around K5 of human Histone H4 (NP_001029249.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

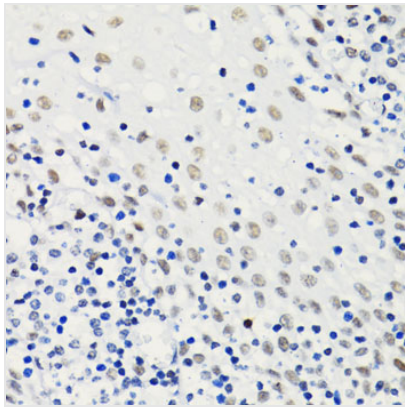
IMAGES


IHC (Immunohistochemistry)

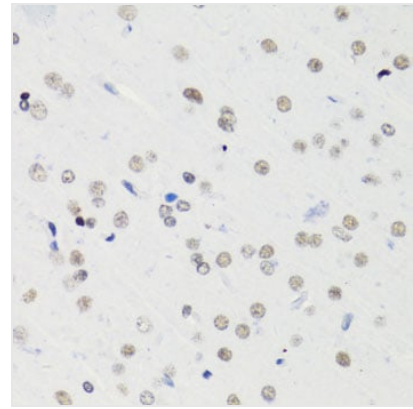
Immunohistochemistry of paraffin-embedded mouse brain using H4K5AC antibody.


IHC (Immunohistochemistry)

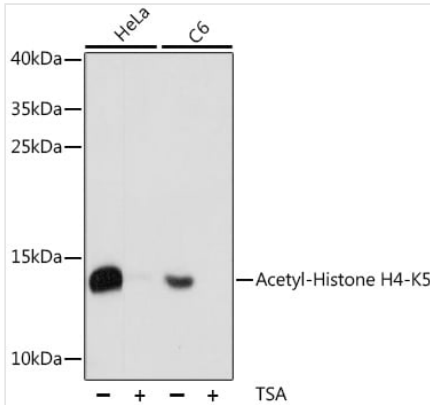
Immunohistochemistry of paraffin-embedded human stomach using H4K5AC antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human tonsil using H4K5AC antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using H4K5AC antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using Acetyl-Histone H4-K5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HIST2H4B 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 H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.

Product Categories/Family for anti-HIST2H4B antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	77539758
NCBI GeneID	554313
NCBI Accession #	NP_001029249.1
NCBI GenBank Nucleotide #	NM_001034077.4
UniProt Accession #	P62805 ; P02304 ; P02305 ; Q6DRA9 ; Q6FGB8 ; Q6NWP7 ; A2VCL0
Molecular Weight	11,367 Da
NCBI Official Full Name	histone H4
NCBI Official Synonym Full Names	histone cluster 2, H4b

NCBI Official Symbol	HIST2H4B
NCBI Official Synonym Symbols	H4/o
NCBI Protein Information	histone H4; histone 2, H4b
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-k5-antibody-chromatin-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/311231>