

Rabbit Acetyl-Histone H4-K5/K8/K12/K16 Polyclonal Antibody | anti-H4-K5/K8/K12/K16 antibody

Acetyl-Histone H4-K5/K8/K12/K16 Rabbit pAb

CATALOG # AAA28423	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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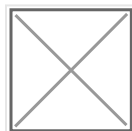
PRODUCT SYNONYMS

Acetyl-Histone H4-K5/K8/K12/K16; Polyclonal Antibody; Acetyl-Histone H4-K5/K8/K12/K16 Rabbit pAb; H4; H4/n; H4C1; H4C2; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4F2; H4FN; FO108; H4-16; H4C11; H4C12; H4C13; H4C15; HIST2H4; HIST2H4A; anti-H4-K5/K8/K12/K16 antibody

PRODUCT SPECIFICATIONS

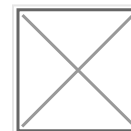
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MVSKRRLSKS EDKESLTEDA SKTRKQPLSK KTKKSHIANE VEENDSIFVK LLKISGIILK TGESQNQLAV DQIAFQKKLF QTLRRHPSYP KIIIEFVSGL ESYIEDEDSF RNCLLSCERL QDEEASMGAS YSKSLIKLLL GIDILQPAII KTLFEKLPEY FFENKNSDEI NIPRLIVSQL KWLDREVVDGK DLTTKIMQLI SIAPENLQHD IITSLPEILG DSQHADVGE
Applicable Applications for anti-H4-K5/K8/K12/K16 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200
Positive Samples	NIH/3T3, C6
Immunogen	A synthetic acetylated peptide around K5/K8/K12/K16 of human Histone H4.
Cellular Location	extracellular exosome, extracellular region, nucleoplasm, nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit pAb at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit pAb at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



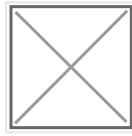
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit pAb at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



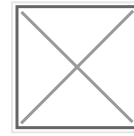
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit pAb at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit pAb at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of C6 cells, using Acetyl-Histone H4-K5/K8/K12/K16 antibody at 1:520 dilution. C6 cells were treated by TSA (1 μ M) at 37 degree C for 18 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-H4-K5/K8/K12/K16 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-H4-K5/K8/K12/K16 antibody

[Acetylated Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	66528888
NCBI GeneID	2177
NCBI Accession #	NP_001018125.1
NCBI GenBank Nucleotide #	NM_001018115.1
UniProt Accession #	Q9BXW9 ; Q2LA86 ; Q69YP9 ; Q6PJN7 ; Q9BQ06 ; Q9H9T9
Molecular Weight	166,462 Da
NCBI Official Full Name	Fanconi anemia group D2 protein isoform b
NCBI Official Synonym Full Names	Fanconi anemia, complementation group D2
NCBI Official Symbol	FANCD2
NCBI Official Synonym Symbols	FA4; FAD; FACD; FAD2; FA-D2; FANCD
NCBI Protein Information	Fanconi anemia group D2 protein
UniProt Protein Name	Fanconi anemia group D2 protein
UniProt Gene Name	FANCD2
UniProt Synonym Gene Names	FACD; Protein FACD2
UniProt Entry Name	FACD2_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/acetyl-histone-h4-k5-k8-k12-k16-antibody-western-blot-immunohistochemistry-elisa/28423>