

Rabbit Lactic acid-Histone H4-K5 Polyclonal Antibody | anti-H4-K5 antibody

Lactic acid-Histone H4-K5 Rabbit pAb

CATALOG # AAA282174	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Other (Wide Range)	APPLICATIONS Dot Blot, Western Blot
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PRODUCT SYNONYMS

Lactic acid-Histone H4-K5; Polyclonal Antibody; Lactic acid-Histone H4-K5 Rabbit pAb; HIST2H4A; FO108; H4; H4/n; H4F2; H4FN; HIST2H4; histone H4; anti-H4-K5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Other (Wide Range)
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-H4-K5 antibody	DB (Dot Blot), WB (Western Blot)
Immunogen	A synthetic peptide of human Lactic acid -Histone H4-K5.
Positive Samples	C6
Research Area	Epigenetics & Nuclear Signaling Epigenetic Modifications Methylation Epigenetics & Nuclear Signaling Epigenetic Modifications Acetylation Epigenetics & Nuclear Signaling Epigenetic Modifications Phosphorylation
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



DB (Dot Blot)

Dot-blot analysis of all sorts of peptides using Lactic acid -Histone H4-K5 antibody (AAA282174) at 1:4000 dilution.



WB (Western Blot)

Western blot analysis of extracts of C6 cells, using Lactic acid -Histone H4-K5 antibody (AAA282174) at 1:500 dilution.C6 cells were treated by Sodium lactate(100mM) for 24h.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% BSA.Detection: ECL Basic Kit (RM00020).Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-H4-K5 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 antibody	Catalog Antibodies ; Other Modified Antibodies ; Primary Antibodies

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/lactic-acid-histone-h4-k5-antibody-dot-blot-western-blot-elisa/282174>