

Acetyl-Histone H4-K5 pAb

Catalog No: #28880



Package Size: #28880-1 50ul #28880-2 100ul

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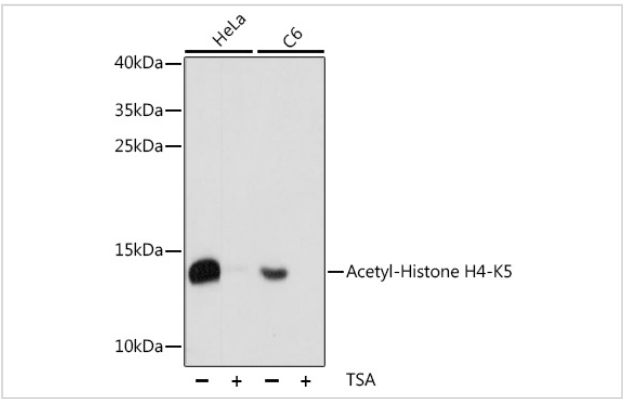
Description

Product Name	Acetyl-Histone H4-K5 pAb
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic acetylated peptide around K5 of human Histone H4 (NP_001029249.1).
Other Names	FO108;H4;H4/n;H4F2;H4FN;HIST2H4;Histone H4;HIST1H4A;HIST2H4A
Accession No.	Uniprot:P62805GeneID:8370
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GeneID	8370
Calculated MW	11kDa
SDS-PAGE MW	11kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

Images



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

Background

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.

Note: This product is for in vitro research use only