

Acetyl-Histone H4-K5 Rabbit pAb

Catalog No.: A15233 **3 Publications**

Basic Information

Observed MW

11kDa

Calculated MW

11kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, ChIP

Cross-Reactivity

Human, Mouse, Rat, Other (Wide Range Predicted)

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.

Recommended Dilutions

WB 1:500 - 1:2000**IHC-P** 1:50 - 1:200**ChIP** 5µg antibody for
5µg-10µg of Chromatin

Immunogen Information

Gene ID

8359

Swiss Prot

P62805

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Histone H4 (NP_001029249.1).

Synonyms

H4; H4/n; H4C1; H4C2; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4F2; H4FN; FO108; H4-16; H4C11; H4C12; H4C13; H4C15; H4C16; HIST2H4; HIST2H4A; Acetyl-Histone H4-K5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

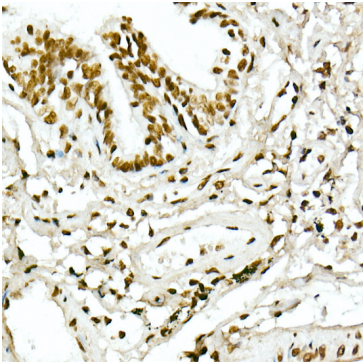
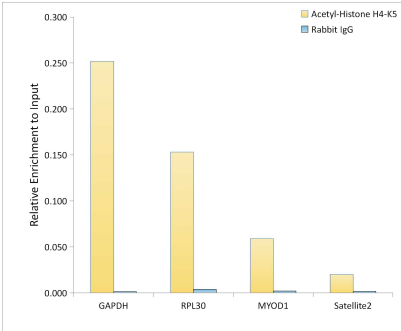
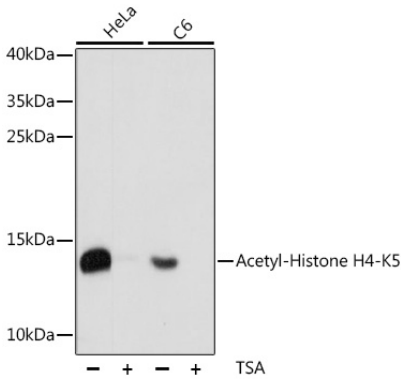
Affinity purification

Storage

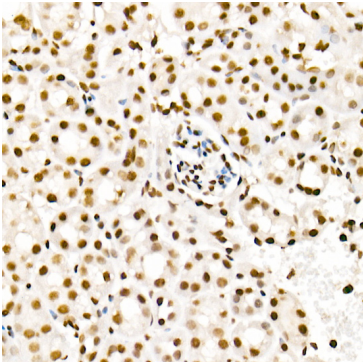
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

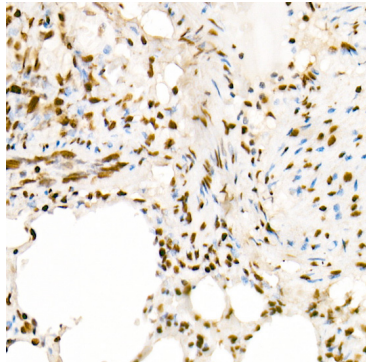
Validation Data



Immunohistochemistry analysis of Acetyl-Histone H4-K5 in paraffin-embedded human lung using Acetyl-Histone H4-K5 Rabbit pAb (A15233) at dilution of 1:20 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Acetyl-Histone H4-K5 in paraffin-embedded mouse kidney using Acetyl-Histone H4-K5 Rabbit pAb (A15233) at dilution of 1:20 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Acetyl-Histone H4-K5 in paraffin-embedded rat lung using Acetyl-Histone H4-K5 Rabbit pAb (A15233) at dilution of 1:20 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.