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Acetyl-Histone H4-K5

Reactivity: Human Mouse Rat

Tested applications:WB IHC ICC IP

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW:11 kDa

Observed MW: Refer to figures

Immunogen:

A specific peptide of Acetyl-Histone H4-K5

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

H4/I; H4FI;

Catalog #:A11015

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID:8366

Isotype: IgG

Swiss Prot:P62805

Purity: Affinity purification

For research use only.

Background:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order 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 but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

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