

#T914227

Acetyl-Histone H4-K12 Rabbit pAb

50 μ l

100 μ l



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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.

Alternative Names

HIST1H4B;H4/I;H4FI;histone H4;Histone H4;HIST1H4A;HIST2H4A;FO108;H4;H4/n;H4F2;H4FN;HIST2H4

SOURCE

A synthetic acetylated peptide around K12 of human Histone H4.

STORAGE

Store at -20°C Stable for one year from the date of shipment.

REACTIVITY

Human, Mouse, Rat, Other (Wide Range)

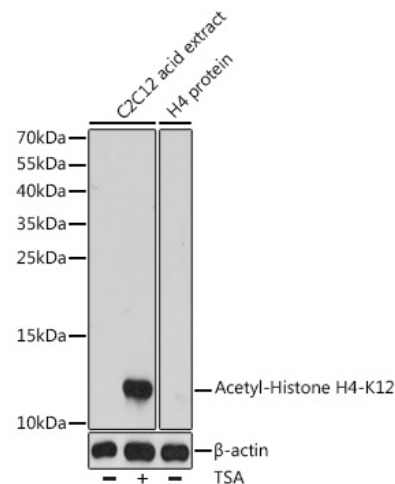
ISOTYPE

Rabbit IgG

RECOMMENDED ANTIBODY DILUTIONS

Western blotting	1:500-1:2000
IF/IHC/IP	1:50-1:200
ChIP	1:20-1:100

APPLICATION



Western blot analysis of extracts of C2C12 cells, using Acetyl-Histone H4-K12 antibody at 1:1000 dilution. C2C12 cells were treated by TSA (1 μM) at 37°C for 18 hours.

Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.

Lysates/proteins: 25 μg per lane.