

HIST1H4B

Reactivity: Mouse

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 11kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human HIST1H4B

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 #: A8466

Antibody Type:

Polyclonal 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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