

Product Datasheet

Histone H4 (mono methyl K16) Antibody

Catalog No: CY5476

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB ICC/IF



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Information

UniProt ID: P62805

All Names: H4; H4/n; H4F2; H4FN; FO108; HIST2H4;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 11 kDa

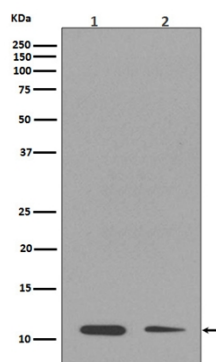
Application

WB: 1:500~1:2000

ICC/IF: 1:500~1:2000

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 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.



Western blot analysis of Histone H4 (mono methyl K16) expression in (1) NIH/3T3 cell lysate; (2) A549 cell lysate.

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