

MonoMethyl-Histone H4-K5 Rabbit Polyclonal Antibody

CAB17859



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to figures

Calculated MW:

11kDa

Applications:

IF

Reactivity:

Human, Mouse, Rat, Other
(Wide Range)

Antibody Information

Recommended dilutions:

IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

8370

Uniprot

P62805

Synonyms:

FO108; H4; H4/n; H4F2; H4FN; HIST2H4; Histone H4; HIST1H4A; HIST2H4A

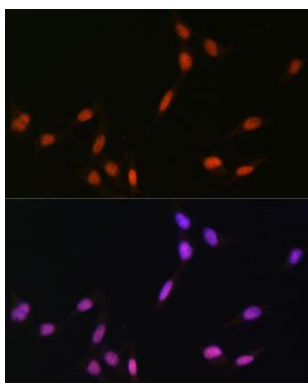
Immunogen:

A synthetic peptide of human MonoMethyl-Histone H4-K5.

Storage:

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

Product Images



Immunofluorescence analysis of NIH-3T3 cells using MonoMethyl-Histone H4-K5 pAb antibody (CAB17859) at dilution of 1:100. Blue: DAPI for nuclear staining.