

TriMethyl-Histone H1.4-K26 Rabbit pAb

Catalog No.: A17902

Basic Information

Observed MW

Refer to figures

Calculated MW

22kDa

Category

Primary antibody

Applications

IF/ICC,ELISA

Cross-Reactivity

Human

Background

Histones are basic nuclear proteins responsible for 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 H1 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.

Recommended Dilutions

IF/ICC 1:50 - 1:200**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3008

Swiss Prot

P10412

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

H1E; H1.4; H1F4; RMNS; H1s-4; HIST1H1E; dj221C16.5; TriMethyl-Histone H1.4-K26

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.