

#P37961-5

TriMethyl-Histone H3-K9 Rabbit pAb(H3K9me3)



☐ 50 μ l

☐ 100 μ l

Orders 400-6123-828

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BACKGROUND

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

Alternative Names

H3.4;H3/g;H3FT;H3t;HIST3H3;Histone H3;HIST1H3A; H3K9(me3)

SOURCE

A synthetic peptide of human Tri-Methyl-Histone H3-K4.

STORAGE

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

REACTIVITY

Human, Mouse, Rat, Other (Wide Range)

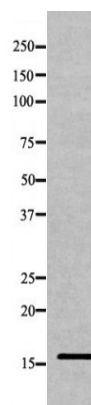
ISOTYPE

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 from HeLa using H3K9me3 antibody. The lane on the left was treated with the antigen-specific peptide.