#P37961-7

TriMethyl-Histone H3-K4 Rabbit pAb(H3K4me3)

Orders 400-6123-828
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Web www.ab-mart.com.cn

☐ 50 μl

☐ 100 μl

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; H3K4(me3)

SOURCE

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

STORAGE

Store at -20℃ Stable far one year from the date of shipment.

REACTIVITY

Human, Mouse, Rat, Other (Wide Range)

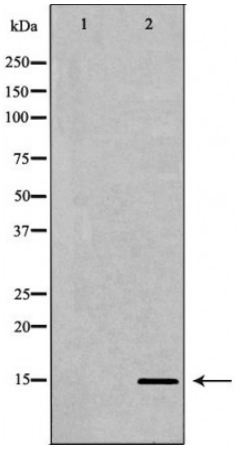
ISOTYPE

Rabbit lgG

RECOMMENDED ANTIBODY DILIITIONS

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 H3K4me3 antibody. The lane on the left was treated with the antigen-specific peptide.

For *in vitro* research use only and not intended for use in humans or animals.