

#P37961-13

## TriMethyl-Histone H3-K79 Rabbit pAb(H3K79me3)



☐ 50  $\mu$ l

☐ 100  $\mu$ l

**Orders** 400-6123-828

orders@ab-mart.com

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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; H3K79(me3)

### SOURCE

A synthetic peptide of human Tri-Methyl-Histone H3-K79.

### STORAGE

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

### REACTIVITY

Human, Mouse, Rat, Other (Wide Range)

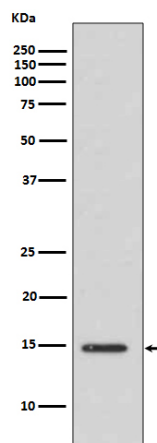
### ISOTYPE

Rabbit IgG

### RECOMMENDED ANTIBODY DILUTIONS

|           |              |
|-----------|--------------|
| WB        | 1:500-1:2000 |
| IF/IHC/IP | 1:50-1:200   |
| ChIP      | 1:20-1:100   |

### APPLICATION



Western blot analysis of extracts from HeLa cells using H3K79me3 antibody.