

A2369

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## TriMethyl-Histone H3-K79 Rabbit pAb

Catalog No.: A2369

5 Publications

### Basic Information

#### Observed MW

17kDa

#### Calculated MW

16kDa

#### Category

Mouse Monoclonal Antibody

#### Applications

WB, IHC-P, ChIP, ELISA, DB

#### Cross-Reactivity

Human, Mouse, Rat, Other (Wide Range Predicted)

### 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.

### Recommended Dilutions

**DB** 1:500 - 1:2000

**WB** 1:500 - 1:1000

**IHC-P** 1:50 - 1:200

**ChIP** 5µg antibody for  
5µg-10µg of Chromatin

### Immunogen Information

#### Gene ID

8290/8350

#### Swiss Prot

Q16695/P68431

#### Immunogen

A synthetic trimethylated peptide around K79 of human histone H3 (NP\_003520.1).

#### Synonyms

H3t; H3.4; H3/g; H3FT; H3C16; HIST3H3; TriMethyl-Histone H3-K79

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

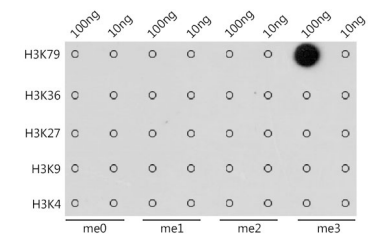
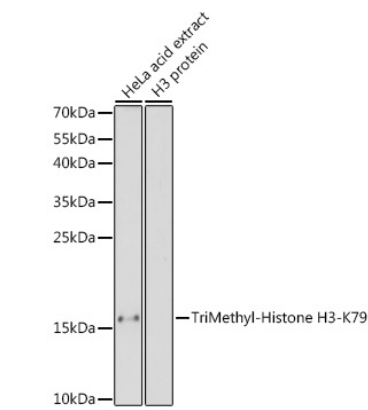
Affinity purification

#### Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Chromatin immunoprecipitation analysis of extracts of HeLa cells, using TriMethyl-Histone H3-K79 antibody (A2369) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



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