TriMethyl-Histone H3-K27 Monoclonal Antibody

CAB22396

Product Information

Product SKU:

CAB22396

Gene ID:

82908350

Observed MW:

17kDa

Calculated MW:

16kDa

Category:

Primary Antibody

Uniprot:

Q16695P68431

Reactivity:

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

Purification Method:

Affinity purification

Source:

Rabbit

Isotype:

IgG

Immunogen information

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.

Size:

20uL, 100uL

Applications:

Western blotting Immunohistochemistry Immunofluorescence

Synonyms:

H3t; H3.4; H3/g; H3FT; H3C16; HIST3H3; TriMethyl-Histone H3-K27

Immunogen:

A synthetic trimethylated peptide around K27 of human Histone H3 (NP_003520.1).

Recommended Dilution:

WB 1:2000 - 1:20000 IHC-P 1:50 - 1:200 IF/ICC 1:50 - 1:200 ChIP 5μg antibody for 5μg-10μg of ChromatinCUT&Tag 10^5 cells /1 μg

Storage:

Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

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