

DiMethyl-Histone H3 (Lys4) Rabbit pAb

db7311

Package : 20µL 50µL 100µL

Product Name : DiMethyl-Histone H3 (Lys4) Rabbit pAb**Cat.No.:** db7311**Synonyms** : H3K4me; H3 histone; HIST1H3A; Histone cluster 1; H3a**Application** : WB, IHC, ICC/IF, FC, ChIP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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 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.

Immunogen

A synthetic methyl-peptide corresponding to residues surrounding Lys4 of human Histone H3

Gene ID

8356

Swiss Prot

P68431

Synonyms

H3K4me; H3 histone; HIST1H3A; Histone cluster 1; H3a

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC, ChIP

Recommended dilution

WB: 1:1000
IHC: 1:500
ICC/IF: 1:500
FC: 1:20
ChIP: 1:20

Calculated MW

15 kDa

Observed MW

17 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.