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.