

Product Name: Histone H3 (Di Methyl Lys4) Rabbit Monoclonal Antibody**Catalog #: AMRe21046**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Methyl
Modification	Methylated
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.2mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,IHC 1:1000-1:5000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:15kD;Observed MW:17kD

Antigen Information

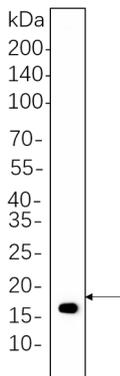
Gene Name	HIST1H3A H3K4ME2;HIST1H3A;H3FA;HIST1H3B;H3FL;HIST1H3C;H3FC;HIST1H3D;H3FB;HIST1H3E;H3FD;HIST1H3F;H3FI;HIST1H3G;H3FH;HIST1H3H;H3FK;HIST1H3I;H3FF;HIST1H3J;H3FJ;Histone
Alternative Names	H3.1;Histone H3.1;Histone H3.2;Histone H3/m;Histone H3/o;H3F3A;H3.3A;H3F3;PP781;H3F3B;H3.3B;Histone H3.3;H3F3C;Histone H3.3C;Histone H3.5
Gene ID	8350;8351;8352;8353;8354;8355;8356;8357;8358;8968;126961;333932;653604;3020;3021;440093
SwissProt ID	P68431;Q71DI3;P84243;Q6NXT2

Immunogen

A synthetic Methylated peptide corresponding to residues target protein

Background

Cell localization:Nucleus. Chromosome..Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],

Research Area**Image Data**

NIH-3T3 cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with Histone H3 (Di Methyl Lys4) Rabbit Monoclonal Antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.