

Product Name: Histone H3 Rabbit Monoclonal Antibody**Catalog #: AMRe21336**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA,CHIP,Cut&Tag
Reactivity	Human,Mouse,Rat,Cat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/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	IHC 1:5000-1:20000;WB 1:5000-1:20000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;CHIP 1:50-1:100;Cut&Tag 1:50-1:100;
Molecular Weight	Calculated MW:15kD;Observed MW:15kD

Antigen Information

Gene Name	HIST1H3A HIST1H3A;H3FA;HIST1H3B;H3FL;HIST1H3C;H3FC;HIST1H3D;H3FB;HIST1H3E;H3FD;HIST1H3
Alternative Names	F;H3FI;HIST1H3G;H3FH;HIST1H3H;H3FK;HIST1H3I;H3FF;HIST1H3J;H3FJ;Histone H3.1;Histone H3/a;Histone H3/b;Histone H3/c;Histone H3/d;Histone H3
Gene ID	8350;8351;8352;8353;8354;8355;8356;8357;8358;8968
SwissProt ID	P68431
Immunogen	A synthetic methylpeptide corresponding to residues surrounding Lys9 of human Histone H3

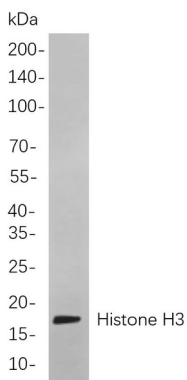
Background

Cell localization:Nucleus.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

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of lysates from HeLa cells, using Histone H3 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.