

Product Name: Histone H3 (Tri Methyl Lys4) Rabbit Monoclonal Antibody
Catalog #: AMRe21106

Summary

Production Name	Histone H3 (Tri Methyl Lys4) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Methylated
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
Purification	Protein A

Immunogen

Gene Name	HIST1H3A
Alternative Names	H3K27ME2;HIST1H3A;H3FA;HIST1H3B;H3FL;HIST1H3C;H3FC;HIST1H3D;H3FB;HIST1H3E;H3FD
Gene ID	8350.0
SwissProt ID	P68431.

Application

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

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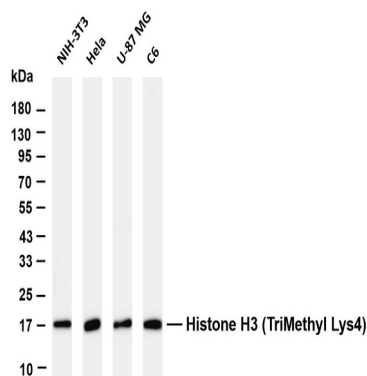


Background

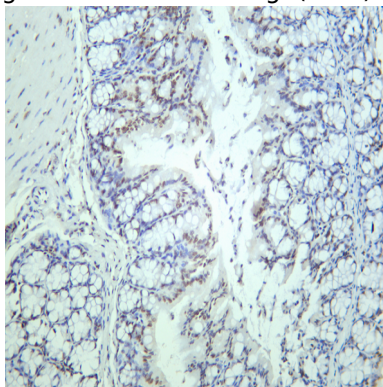
Cell localization:Nucleus. Chromosome..Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core 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

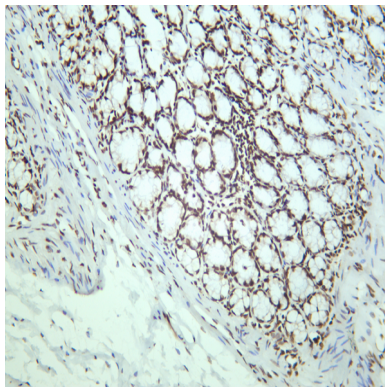


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Histone H3 (TriMethyl Lys4) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

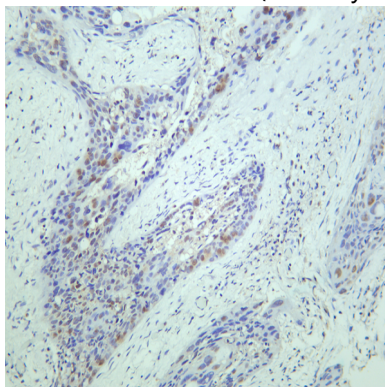


Mouse colon was stained with anti-Histone H3 (TriMethyl Lys4) rabbit antibody

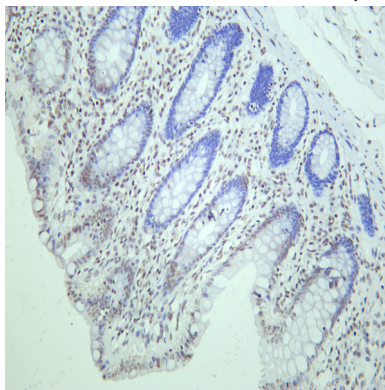
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Rat colon was stained with anti-Histone H3 (TriMethyl Lys4) rabbit antibody



Human cervical carcinoma was stained with anti-Histone H3 (TriMethyl Lys4) rabbit antibody



Human colon was stained with anti-Histone H3 (TriMethyl Lys4) rabbit antibody

Note

For research use only.