

Product Name: TriMethyl-Histone H3 (Lys4) Rabbit Monoclonal Antibody
Catalog #: AMRe87628

Summary

Production Name	TriMethyl-Histone H3 (Lys4) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC,IP,ChIP
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	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.
Purification	Affinity Purification

Immunogen

Gene Name	TriMethyl-Histone H3 (Lys4) Rabbit Monoclonal Antibody
Alternative Names	H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J
Gene ID	8356
SwissProt ID	P68431.

Application

Dilution Ratio	WB: 1:1000 ICC/IF: 1:200-1:500 FC: 1:200-1:500 IP: 1:20
Molecular Weight	Calculated MW:15 kDa; Observed MW:17 kDa

Background

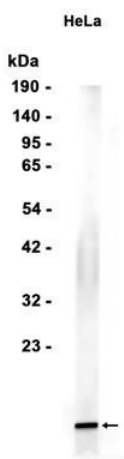
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Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order 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 but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]

Research Area

Image Data



Western blot analysis of extracts from HeLa cells using AMRe87628 at 1:1000.

Note

For research use only.