

**Product Name: TriMethyl-Histone H3 (Lys27) Rabbit
Monoclonal Antibody
Catalog #: AMRe02834**



Summary

Production Name	TriMethyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP,ChIP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Methylated
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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	H3C1
Alternative Names	H3K27me3; H3 histone; HIST1H3A; Histone cluster 1; H3a
Gene ID	8350
SwissProt ID	P68431.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20 ChIP: 1:20
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

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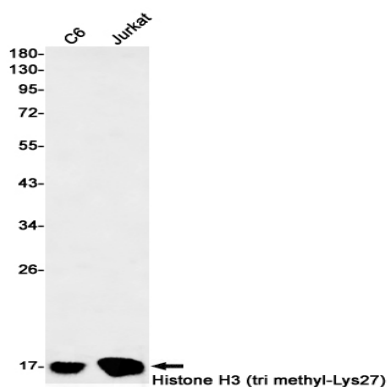
Background

H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

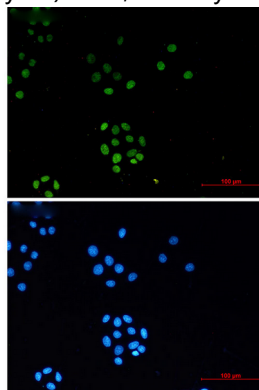
Research Area

Epigenetics and Nuclear Signaling

Image Data

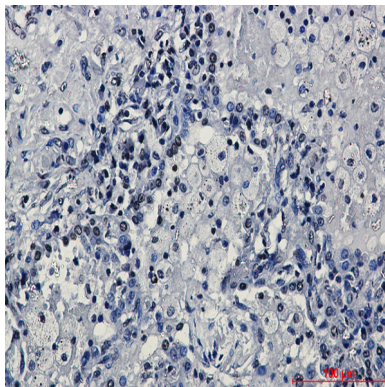


Western blot analysis of Histone H3 (tri methyl-Lys27) in C6, Jurkat lysates using TriMethyl-Histone H3 (Lys27) antibody.



Immunocytochemistry analysis of TriMethyl-Histone H3 (Lys27) (green) in HeLa using TriMethyl-Histone H3 (Lys27) antibody, and DAPI (blue)

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Immunohistochemistry analysis of paraffin-embedded Human lung cancer using TriMethyl-Histone H3 (Lys27) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.