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

Summary

Production Name	TriMethyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody
Description	Recombinant 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 Antibody
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 Purified

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

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

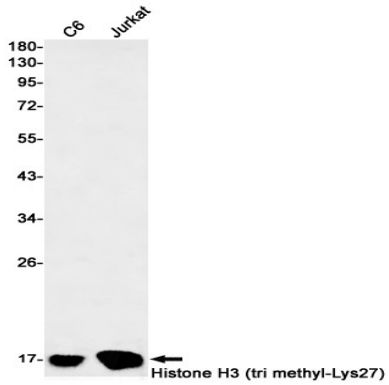
Background

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.

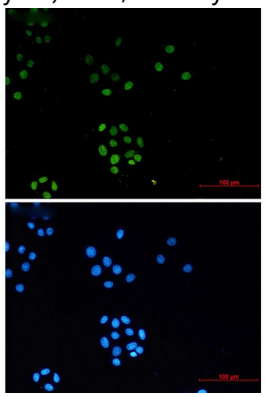
Research Area

Epigenetics and Nuclear Signaling

Image Data

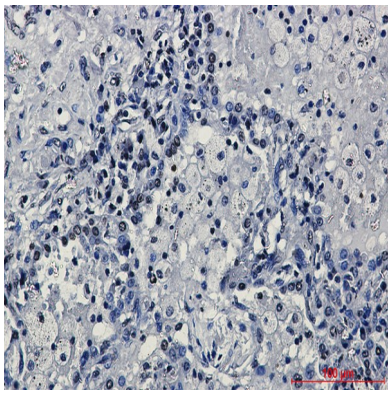


Western blot analysis of Histone H3 (tri methylLys27) in C6, Jurkat lysates using TriMethyl-Histone H3 (Lys27) antibody.



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

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



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.