Product Name: **TriMethyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody**
Catalog #: **AMRe84830**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC,IP
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.62mg/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	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

Antigen Information

Gene Name	TriMethyl-Histone H3 (Lys27)
Alternative Names	H3K27me3; H3 histone; HIST1H3A; Histone cluster 1; H3a
Gene ID	8350.0
SwissProt ID	P68431
Immunogen	A synthetic methyl-peptide corresponding to residues surrounding Lys27 of human Histone H3

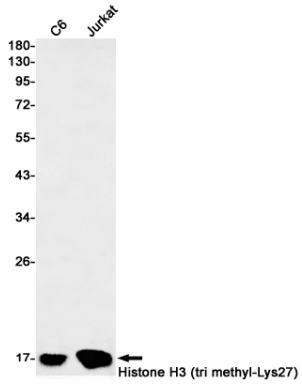
Background

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

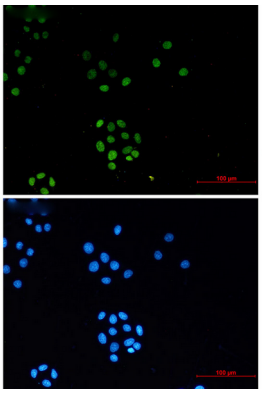
repair, DNA replication and chromosomal stability.

Research Area

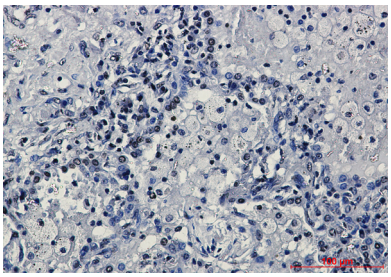
Image Data



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)



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.