Product Name: TriMethyl-Histone H3 (Lys79) (6A6) Mouse Monoclonal Antibody
Catalog #: AMM00870

Summary

Production Name	TriMethyl-Histone H3 (Lys79) (6A6) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Methylated
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	H3C1
Alternative Names	H3K79me3; 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
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

Background

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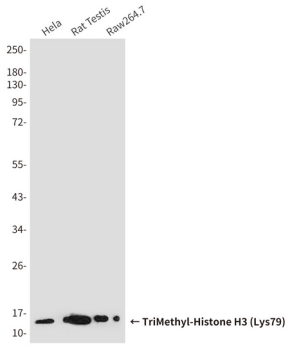
H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

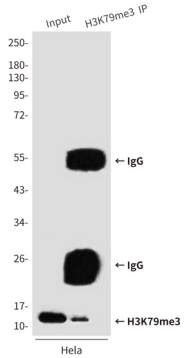
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of TriMethyl-Histone H3 (Lys79) in Hela, rat Testis , Raw264.7 lysates using Histone H3 (tri methyl K79) (3G3) antibody.



Immunoprecipitation analysis of TriMethyl-Histone H3 (Lys79) (6A6) in Hela lysates using TriMethyl-Histone H3 (Lys79) (6A6) antibody

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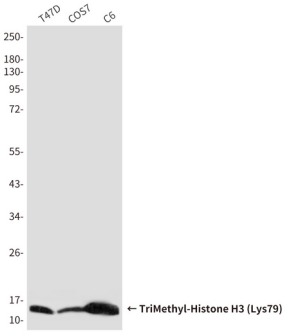

Western blot analysis of TriMethyl-Histone H3 (Lys79) (6A6) in T47D, COS7 and C6 lysates using TriMethyl-Histone H3 (Lys79) antibody.

Note

For research use only.