Product Name: Mono/Di/TriMethyl-Histone H3 (Lys79) Rabbit Monoclonal Antibody
Catalog #: AMRe03999

Summary

Production Name	Mono/Di/TriMethyl-Histone H3 (Lys79) Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Mono/Di/TriMethyated
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	Liquid in 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	-
Alternative Names	-
Gene ID	-
SwissProt ID	P68431

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100
Molecular Weight	Calculated MW:15 kDa;Observed MW: 17 kDa

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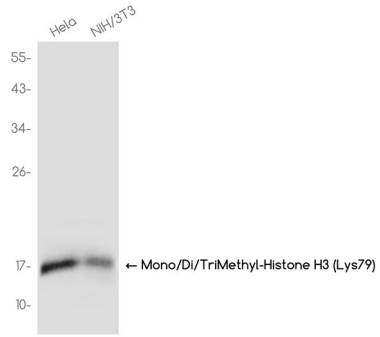
Background

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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Mono/Di/TriMethyl-Histone H3 (Lys79) in HeLa, 3T3 lysates using Mono/Di/TriMethyl-Histone H3 (Lys79) antibody.

Note

For research use only.