Product Name: **DiMethyl-Histone H3 (Lys9) Rabbit Monoclonal Antibody**
Catalog #: **AMRe87551**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/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	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:100,ICC/IF 1:200-1:500
Molecular Weight	Calculated MW:15 kDa; Observed MW:17 kDa

Antigen Information

Gene Name	DiMethyl-Histone H3
Alternative Names	H3/A; H3FA
Gene ID	8350
SwissProt ID	P68431
Immunogen	A synthetic methylpeptide corresponding to residues surrounding Lys9 of human Histone H3

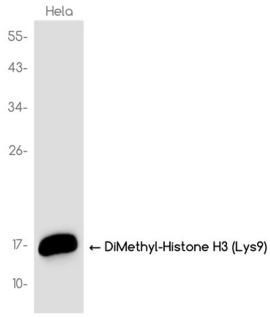
Background

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

Image Data



Western blot analysis of extracts from Hela cells using DiMethyl-Histone H3 (Lys9) Rabbit Monoclonal Antibody at 1:1000.