

**Product Name: Histone H3(dimethylK79) Rabbit
Monoclonal Antibody
Catalog #: AMRe84150**

Summary

Production Name	Histone H3(dimethylK79) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,IHC,ICC,IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Histone H3(dimethylK79)
Alternative Names	Histone H3.1, Histone H3, HIST1H3A;;DiMethyl-Histone H3 (K80)
Gene ID	
SwissProt ID	P68431.A synthesized peptide derived from human Histone H3.1 around the methylation site of K80

Application

Dilution Ratio	WB:1:1000-1:2000,IP:ChIP:1:20-1:50,IHC:1:100-1:200;IF:1:50-1:200,ICC:1:50-1:200
Molecular Weight	15 kDa

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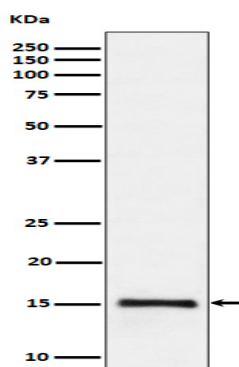


Background

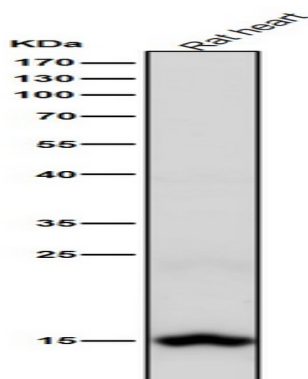
Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Research Area

Image Data

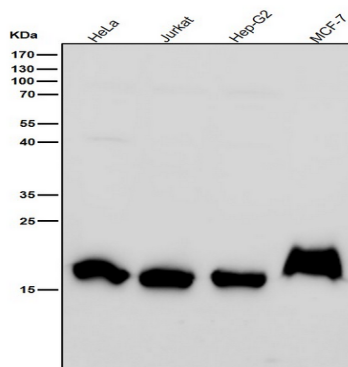


Western blot analysis of Histone H3 (di methyl K79) expression in HeLa cell lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

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Note

For research use only.