

Product Name: Dnmt3a Rabbit Monoclonal Antibody
Catalog #: AMRe02974



Summary

Production Name	Dnmt3a Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
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	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	DNMT3A
Alternative Names	DNMT3A2; M.HsaIIIA; Dnmt3a; MCMT; DNA methyltransferase 3a
Gene ID	1788
SwissProt ID	Q9Y6K1

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 102 kDa; Observed MW: 130 kDa

Background

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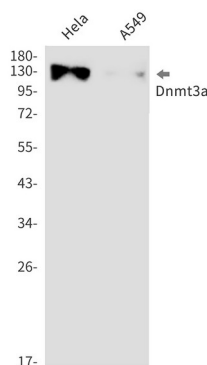


Methylation of DNA at cytosine residues in mammalian cells is a heritable, epigenetic modification that is critical for proper regulation of gene expression, genomic imprinting and development. Three families of mammalian DNA methyltransferases have been identified: DNMT1, DNMT2 and DNMT3. DNMT1 is constitutively expressed in proliferating cells and functions as a maintenance methyltransferase, transferring proper methylation patterns to newly synthesized DNA during replication.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Dnmt3a in HeLa, A549 lysates using Dnmt3a antibody.

Note

For research use only.