

Product Name: Dnmt1 Rabbit Monoclonal Antibody
Catalog #: AMRe86344



Summary

Production Name	Dnmt1 Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC
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	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

Immunogen

Gene Name	Dnmt1
Alternative Names	AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN; m.HsaI
Gene ID	1786
SwissProt ID	P26358.

Application

Dilution Ratio	WB: 1:1000 IHC: 1:100 ICC/IF: 1:200-1:1000 FC: 1:100
Molecular Weight	Calculated MW:183 kDa; Observed MW:183 kDa

Background

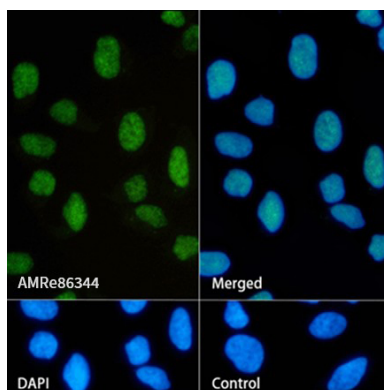
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This gene encodes an enzyme that transfers methyl groups to cytosine nucleotides of genomic DNA. This protein is the major enzyme responsible for maintaining methylation patterns following DNA replication and shows a preference for hemi-methylated DNA. Methylation of DNA is an important component of mammalian epigenetic gene regulation. Aberrant methylation patterns are found in human tumors and associated with developmental abnormalities. Variation in this gene has been associated with cerebellar ataxia, deafness, and narcolepsy, and neuropathy, hereditary sensory, type IE. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Research Area

Image Data



Immunofluorescence analysis of HeLa cells labelling Dnmt1 with AMRe86344.

Note

For research use only.