
Product Name: Dnmt1 Rabbit Monoclonal Antibody**Catalog #: AMRe86343**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
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 1:1000-1:5000,IHC 1:200-1:1000,ICC/IF 1:100-1:200,FC 1:20-1:50
Molecular Weight	Calculated MW:183 kDa; Observed MW:183 kDa

Antigen Information

Gene Name	Dnmt1
Alternative Names	AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN; m.Hsal
Gene ID	1786
SwissProt ID	P26358
Immunogen	A synthetic peptide of human Dnmt1

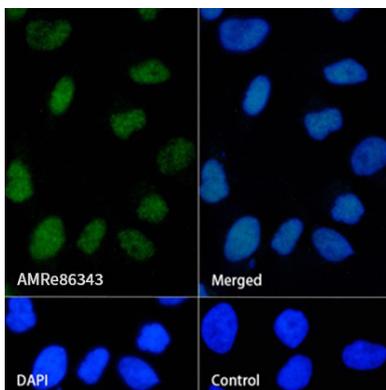
Background

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 Dnmt1 Rabbit Monoclonal Antibody.