

Product Name: PRMT1 Rabbit Monoclonal Antibody
Catalog #: AMRe87087



Summary

Production Name	PRMT1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF, IP
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	PRMT1
Alternative Names	ANM1; HCP1; IR1B4; HRMT1L2
Gene ID	3276
SwissProt ID	Q99873.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:200-1:500 ICC/IF: 1:500-1:2000 IP: 1:50-1:100
Molecular Weight	Calculated MW:43 kDa; Observed MW:43 kDa

Background

This gene encodes a member of the protein arginine N-methyltransferase (PRMT) family. Post-translational modification of

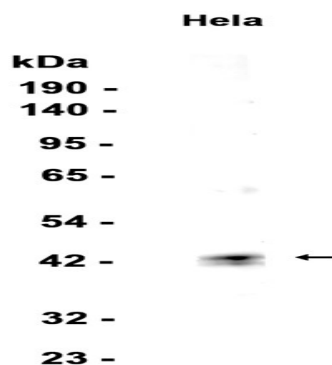
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target proteins by PRMTs plays an important regulatory role in many biological processes, whereby PRMTs methylate arginine residues by transferring methyl groups from S-adenosyl-L-methionine to terminal guanidino nitrogen atoms. The encoded protein is a type I PRMT and is responsible for the majority of cellular arginine methylation activity. Increased expression of this gene may play a role in many types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 5. [provided by RefSeq, Dec 2011]

Research Area

Image Data



Western blot analysis of extracts from HeLa cells using AMRe87087 at 1:1000.

Note

For research use only.