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PRMT10 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18025a

Product Information

Application	WB, E
Primary Accession	Q6P2P2
Other Accession	NP_612373.2
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26323
Calculated MW	94501
Antigen Region	39-68

Additional Information

Gene ID	90826
Other Names	Putative protein arginine N-methyltransferase 9, Putative protein arginine N-methyltransferase 10, 211-, PRMT9, PRMT10
Target/Specificity	This PRMT10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-68 amino acids from the N-terminal region of human PRMT10.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PRMT10 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PRMT9 (HGNC:25099)
Synonyms	PRMT10

Function	Arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and symmetrical dimethylarginine (sDMA). Specifically mediates the symmetrical dimethylation of SF3B2. Involved in the regulation of alternative splicing of pre-mRNA (PubMed:25737013, PubMed:25979344).
Cellular Location	Cytoplasm

Background

PRMT10 belongs to the protein arginine N-methyltransferase family. Contains 3 TPR repeats.

References

Wolf, S.S. Cell. Mol. Life Sci. 66(13):2109-2121(2009)
Pal, S., et al. J. Cell. Physiol. 213(2):306-315(2007)

Citations

- Protein arginine methyltransferase 10 is required for androgen-dependent proliferation of LNCaP prostate cancer cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.