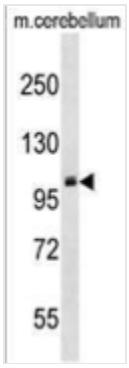
PRMT10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRMT10, Polyclonal Antibody
Full Product Name	PRMT10, NT (PRMT10, Putative protein arginine N-methyltransferase 10) (MaxLight 490)
Product Gene Name	anti-PRMT10 antibody
Product Synonym Names	PRMT10; Putative protein arginine N-methyltransferase 10
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human PRMT10. Species Crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	94,501 Da
Chromosome Location	Chromosome: 4; NC_000004.11 (148558936..148605381, complement). Location: 4q31.23
3D Structure	ModBase 3D Structure for Q6P2P2
Immunogen	PRMT10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 38-68 amino acids from the N-terminal region of human PRMT10. UniProt: Q6P2P2.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-PRMT10 antibody	Antibodies; Enzymes; Methyltransferase
Applications Tested/Suitable for anti-PRMT10 antibody	Western Blot (WB), FLISA
Application Notes for anti-PRMT10 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-PRMT10 antibody	PRMT10 belongs to the protein arginine N-methyltransferase family. Contains 3 TPR repeats.
Product References and Citations for anti-PRMT10 antibody	1. Wolf, S.S. Cell. Mol. Life Sci. 66(13):2109-2121(2009). 2. Pal, S., et al. J. Cell. Physiol. 213(2):306-315(2007).
Other Notes	Small volumes of anti-PRMT10 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for PRMT10 purchase	MBS6337496 is an antibody targeting PRMT10. Also known as PRMT10, NT (PRMT10, Putative protein arginine N-methyltransferase 10) (MaxLight 490). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-PRMT10 antibody
Western blot analysis in mouse cerebellum tissue lysates (35ug/lane) usingMBS644600.
This demonstrates MBS644600 detected the PRMT10 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRMT10. It may not necessarily be applicable to this product.

NCBI GI #	40538772
NCBI GeneID	90826
NCBI Accession #	NP_612373.2
UniProt Primary Accession #	Q6P2P2
UniProt Secondary Accession #	Q6ZR58; Q8N383; Q9BT55; Q9NT98; A8KA39
UniProt Related Accession #	Q6P2P2
GenBank Nucleotide #	NM_138364.2
NCBI Official Full Name	putative protein arginine N-methyltransferase 10
NCBI Official Synonym Full Names	protein arginine methyltransferase 10 (putative)
NCBI Official Symbol	PRMT10
UniProt Protein Name	Putative protein arginine N-methyltransferase 10
Protein Family	Protein arginine N-methyltransferase
UniProt Gene Name	PRMT10
UniProt Entry Name	ANM10_HUMAN
NCBI Protein Information	putative protein arginine N-methyltransferase 10
UniProt Comments for PRMT10	PRMT10: Belongs to the protein arginine N-methyltransferase family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Methyltransferase; Methyltransferase, protein arginine; EC 2.1.1.- Chromosomal Location of Human Ortholog: 4q31.23 Cellular Component: cytoplasm Molecular Function: protein methyltransferase activity Biological Process: protein amino acid methylation

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