

Rabbit PRMT8 Polyclonal Antibody | anti-PRMT8 antibody

PRMT8 Antibody (C-term)

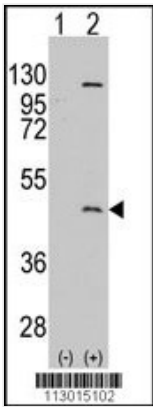
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285924	Rabbit	Human (Predicted Reactivity: Mouse)	ELISA, Western Blot

PRODUCT SYNONYMS

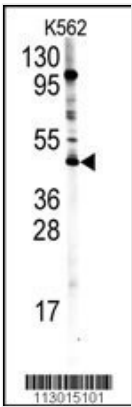
PRMT8; Polyclonal Antibody; PRMT8 Antibody (C-term); Protein arginine N-methyltransferase 8; 211-; Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 4; HRMT1L3; HRMT1L4; anti-PRMT8 antibody

PRODUCT SPECIFICATIONS

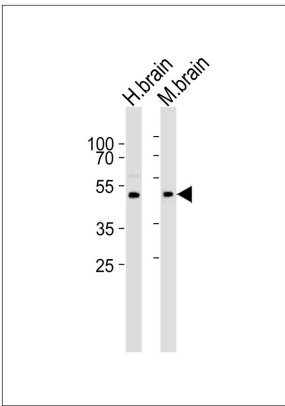
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PRMT8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 344-373 amino acids from the C-terminal region of human PRMT8.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	344-373
Sequence Length	385
Applicable Applications for anti-PRMT8 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of PRMT8 (arrow) using rabbit polyclonal PRMT8 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PRMT8 gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of PRMT8 Antibody (C-term) in K562 cell line lysates (35ug/lane). PRMT8 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of lysates from human brain, mouse brain tissue lysate (from left to right), using PRMT8 Antibody (C-term). AAA285924 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT8 antibody	Protein arginine methylation plays a role in signal transduction, RNA processing, transcriptional regulation, and DNA repair. PRMT8, a protein arginine N-methyltransferase most closely related to PRMT1, methylates the guanidino nitrogens of arginyl residues in some proteins. This protein associates with the plasma membrane following myristoylation and exhibits a brain-specific expression pattern, making it unique within this family of enzymes.
References	Lee,J., J. Biol. Chem. 280 (38), 32890-32896 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	374858040
NCBI GeneID	56341
NCBI Accession #	NP_001243465.1; NP_062828.3
NCBI GenBank Nucleotide #	NM_001256536.1
UniProt Accession #	Q9NR22; Q8TBJ8; B2RDP0
Molecular Weight	45291
NCBI Official Full Name	protein arginine N-methyltransferase 8 isoform 2

NCBI Official Synonym Full Names	protein arginine methyltransferase 8
NCBI Official Symbol	PRMT8
NCBI Official Synonym Symbols	HRMT1L3; HRMT1L4
NCBI Protein Information	protein arginine N-methyltransferase 8
UniProt Protein Name	Protein arginine N-methyltransferase 8
UniProt Gene Name	PRMT8
UniProt Synonym Gene Names	HRMT1L3; HRMT1L4
UniProt Entry Name	ANM8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prmt8-antibody-western-blot-elisa/285924>