

Rabbit anti-Human PRMT2 Polyclonal Antibody | anti-PRMT2 antibody

PRMT2 Antibody (N-term)

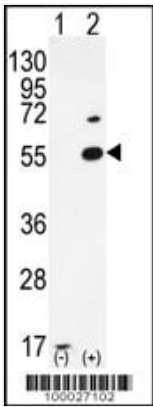
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286130	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

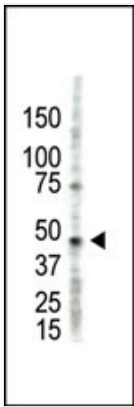
PRMT2; Polyclonal Antibody; PRMT2 Antibody (N-term); Protein arginine N-methyltransferase 2; 211-; Histone-arginine N-methyltransferase PRMT2; HMT1; HRMT1L1; anti-PRMT2 antibody

PRODUCT SPECIFICATIONS

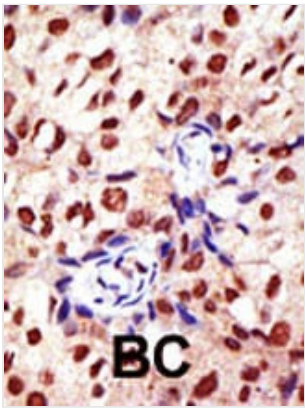
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PRMT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-53 amino acids from the N-terminal region of human PRMT2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (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	22-53
Sequence Length	277
Applicable Applications for anti-PRMT2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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 PRMT2 (arrow) using rabbit polyclonal PRMT2 Antibody (A37). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PRMT2 gene.



WB (Western Blot)
The anti-PRMT2 Pab is used in Western blot to detect PRMT2 in HL60 cell lysate.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT2 antibody	Arginine methylation is an irreversible post translational modification which has only recently been linked to protein activity. At least three types of PRMT enzymes have been identified in mammalian cells. These enzymes have been shown to have essential regulatory functions by methylation of key proteins in several fundamental areas. These protein include nuclear proteins, IL enhancer binding factor, nuclear factors, cell cycle proteins, signal transduction proteins, apoptosis proteins, and viral proteins. The mammalian PRMT family currently consists of 7 members that share two large domains of homology. Outside of these domains, epitopes were identified and antibodies against all 7 PRMT members have been developed.
References	Qi, C., et al., J. Biol. Chem. 277(32):28624-28630 (2002). Scott, H.S., et al., Genomics 48(3):330-340 (1998). Katsanis, N., et al., Mamm. Genome 8(7):526-529 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	338968840
NCBI GeneID	3275
NCBI Accession #	NP_001229793.1; NP_001229794.1; NP_001526.2; NP_996845.1
NCBI GenBank Nucleotide #	NM_001242864.2

UniProt Accession #	P55345; P78350; Q498Y5; Q5U7D4; Q6FHF0; Q99781; Q9BW15; Q9UMC2; B7U630; B7U631; B7U632
Molecular Weight	49042
NCBI Official Full Name	protein arginine N-methyltransferase 2 isoform 2
NCBI Official Synonym Full Names	protein arginine methyltransferase 2
NCBI Official Symbol	PRMT2
NCBI Official Synonym Symbols	HRMT1L1
NCBI Protein Information	protein arginine N-methyltransferase 2
UniProt Protein Name	Protein arginine N-methyltransferase 2
UniProt Gene Name	PRMT2
UniProt Synonym Gene Names	HMT1; HRMT1L1
UniProt Entry Name	ANM2_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/prmt2-antibody-western-blot-immunohistochemistry-elisa/286130>