

Rabbit anti-Human PRMT6 Polyclonal Antibody | anti-PRMT6 antibody

PRMT6 Antibody (N-term)

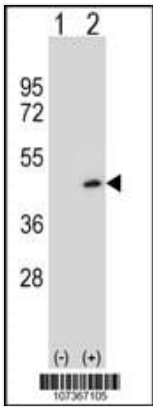
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290104	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

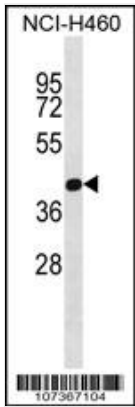
PRMT6; Polyclonal Antibody; PRMT6 Antibody (N-term); Protein arginine N-methyltransferase 6; 211-; Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 6; Histone-arginine N-methyltransferase PRMT6; HRMT1L6; anti-PRMT6 antibody

PRODUCT SPECIFICATIONS

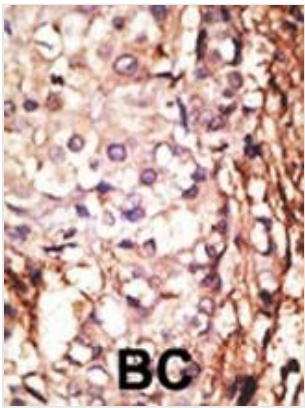
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PRMT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-48 amino acids from the N-terminal region of human PRMT6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	19-48
Sequence Length	292
Applicable Applications for anti-PRMT6 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 PRMT6 (arrow) using rabbit polyclonal PRMT6 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PRMT6 gene.



WB (Western Blot)
PRMT6 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the PRMT6 antibody detected the PRMT6 protein (arrow).



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-PRMT6 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	Frankel A., et al. J. Biol. Chem. 277:3537-3543(2002). Pal, S., et al., Mol. Cell. Biol. 23(21):7475-7487 (2003). Rho, J., et al., J. Biol. Chem. 276(14):11393-11401 (2001). Pollack, B.P., et al., J. Biol. Chem. 274(44):31531-31542 (1999). Gilbreth, M., et al., Proc. Natl. Acad. Sci. U.S.A. 95(25):14781-14786 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	227908867
NCBI GeneID	55170
NCBI Accession #	NP_060607.2
NCBI GenBank Nucleotide #	NM_018137.2

UniProt Accession #	Q96LA8; Q5T5Y5; Q6DKI4; Q9NVR8; A3KME1; B4DID8
Molecular Weight	41938
NCBI Official Full Name	protein arginine N-methyltransferase 6
NCBI Official Synonym Full Names	protein arginine methyltransferase 6
NCBI Official Symbol	PRMT6
NCBI Official Synonym Symbols	HRMT1L6
NCBI Protein Information	protein arginine N-methyltransferase 6
UniProt Protein Name	Protein arginine N-methyltransferase 6
UniProt Gene Name	PRMT6
UniProt Synonym Gene Names	HRMT1L6
UniProt Entry Name	ANM6_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/prmt6-antibody-western-blot-immunohistochemistry-elisa/290104>