

Rabbit PRMT5 Polyclonal Antibody | anti-PRMT5 antibody

PRMT5 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290021	Rabbit	Human (Predicted Reactivity: Bovine, Monkey, Mouse)	Immunohistochemistry, ELISA, Western Blot

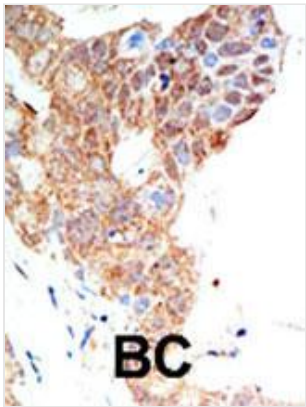
PRODUCT SYNONYMS

PRMT5; Polyclonal Antibody; PRMT5 Antibody (C-term); Protein arginine N-methyltransferase 5; 211-; 72 kDa ICh-binding protein; Histone-arginine N-methyltransferase PRMT5; Jak-binding protein 1; Shk1 kinase-binding protein 1 homolog; SKB1 homolog; SKB1Hs; N-terminally processed; HRMT1L5; IBP72; JBP1; SKB1; anti-PRMT5 antibody

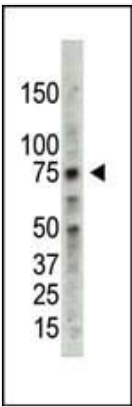
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PRMT5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 591-621 amino acids from the C-terminal region of human PRMT5.
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	591-621
Sequence Length	576
Applicable Applications for anti-PRMT5 antibody	IHC (Immunohistochemistry), 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.

IMAGES



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.



WB (Western Blot)
The anti-PRMT5 Pab is used in Western blot to detect PRMT5 in HL60 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT5 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	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 #	88900507
NCBI GeneID	10419
NCBI Accession #	NP_001034708.1; NP_006100.2
NCBI GenBank Nucleotide #	NM_001039619.2
UniProt Accession #	O14744; Q6IBR1; Q9UKH1; A8MTP3; A8MZ91; B4DX49; B4DY30; B5BU10; D3DS33; E2QRE7
Molecular Weight	72684
NCBI Official Full Name	protein arginine N-methyltransferase 5 isoform b
NCBI Official Synonym Full Names	protein arginine methyltransferase 5
NCBI Official Symbol	PRMT5
NCBI Official Synonym Symbols	JBP1; SKB1; IBP72; SKB1Hs; HRMT1L5
NCBI Protein Information	protein arginine N-methyltransferase 5
UniProt Protein Name	Protein arginine N-methyltransferase 5
UniProt Gene Name	PRMT5
UniProt Synonym Gene Names	HRMT1L5; IBP72; JBP1; SKB1; SKB1 homolog; SKB1Hs

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/prmt5-antibody-immunohistochemistry-western-blot-elisa/290021>