

Rabbit anti-Human PRMT5 Polyclonal Antibody | anti-PRMT5 antibody

PRMT5 Antibody

CATALOG # AAA302478	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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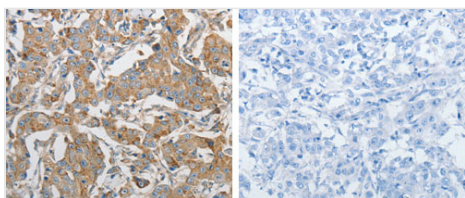
PRODUCT SYNONYMS

PRMT5; Polyclonal Antibody; PRMT5 Antibody; protein arginine methyltransferase 5; JBP1; SKB1; IBP72; SKB1Hs; HRMT1L5; anti-PRMT5 antibody

PRODUCT SPECIFICATIONS

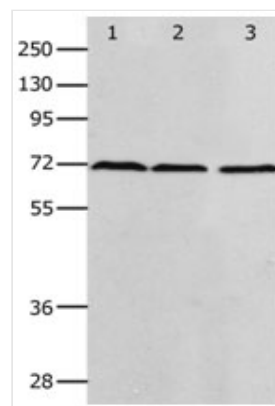
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PRMT5 protein.
Form/Format	Supplied at 0.8mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	620
Applicable Applications for anti-PRMT5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide peptide corresponding to a region derived from 622-637 amino acids of human protein arginine methyltransferase 5
Target Name	PRMT5
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 31262 (PRMT5 Antibody) at dilution 1/20, on the right is treated with the synthetic peptide.



Application Data

Gel: 10% SDS-PAGE Lane1: K562 cell lysate Lane2: HeLa cell lysate Lane3: 293T cell lysate
Lysates: 40ug per lane Primary antibody: 1/400 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/5000 dilution Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT5 antibody	Protein arginine methyltransferase 5 has been shown to interact with WD repeat-containing protein 77, CLNS1A, Janus kinase 2, SNRPD3 and SPT5H. Arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and symmetrical dimethylarginine (sDMA), with a preference for the formation of MMA. Specifically mediates the symmetrical dimethylation of arginine residues in the small nuclear ribonucleoproteins Sm D1 (SNRPD1) and Sm D3 (SNRPD3); such methylation being required for the assembly and biogenesis of snRNP core particles. Methylates SPT5H. Mono- and dimethylates arginine residues of myelin basic protein (MBP) in vitro. Plays a role in the assembly of snRNP core particles. May play a role in cytokine-activated transduction pathways. Negatively regulates cyclin E1 promoter activity and cellular proliferation.
Product Categories/Family for anti-PRMT5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	88900507
NCBI GeneID	10419
NCBI Accession #	NP_001034708
NCBI GenBank Nucleotide #	NM_001039619.2
Molecular Weight	66,311 Da
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
UniProt Entry Name	ANM5_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://www.aaabiotech.com/polyclonal/prmt5-antibody-immunohistochemistry-western-blot-elisa/302478>