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

PRMT5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303745	**Rabbit**	**Human**	**Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

PRMT5; Polyclonal Antibody; PRMT5 Antibody; HRMT1L5; IBP72; JBP1; SKB1; SKB1Hs; anti-PRMT5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PRMT5 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	620
Applicable Applications for anti-PRMT5 antibody	ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human PRMT5.
Target Name	PRMT5
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cell using PRMT5 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PRMT5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT5 antibody	Human Skb1Hs methyltransferase (also called JBP1), a homologue of yeast protein Skb1 and Hsl7p (1,2), is composed of 637 amino acid residues and contains motifs conserved among protein methyltransferases. It methylates histones and MBP in vitro (2). Yeast Hsl7p is involved in regulation of cell cycle progression through G2 by negatively regulating Swe1p, a protein tyrosine kinase that phosphorylates and inhibits Cdc28p (3). An Hsl7p homologue, Skb1, was identified in fission yeast by virtue of its yeast two-hybrid interaction with Shk1p, a p21 (cdc42p/Rac) activated kinase (PAK) (4). Both proteins belong to the protein methyltransferase superfamily (5). Interestingly, human Skb1Hs methyltransferase was shown to interact with Jak kinases. This suggests the possibility that the Skb1Hs methyltransferase could link Jak to a PAK signaling pathway in mammalian cells.
Product Categories/Family for anti-PRMT5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	88900507
NCBI GeneID	10419
NCBI Accession #	NP_001034708.1
NCBI GenBank Nucleotide #	NM_001039619.2
UniProt Accession #	O14744; Q6IBR1; Q9UKH1; A8MTP3; A8MZ91; B4DX49; B4DY30; B5BU10; D3DS33; E2QRE7
Molecular Weight	73kD
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://stage.aaabiotech.com/polyclonal/prmt5-antibody-chromatin-immunoprecipitation-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/303745