

Rabbit PRMT3 Polyclonal Antibody | anti-PRMT3 antibody

PRMT3 Antibody (C-term)

CATALOG # AAA289284	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

PRMT3; Polyclonal Antibody; PRMT3 Antibody (C-term); Protein arginine N-methyltransferase 3; 211-; Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3; HRMT1L3; anti-PRMT3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PRMT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 460-491 amino acids from the C-terminal region of human PRMT3.
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	460-491
Sequence Length	531
Applicable Applications for anti-PRMT3 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 prostate carcinoma tissue reacted with PRMT3 Antibody (C-term), 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.



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)

Western blot analysis of anti-PRMT3 Pab in whole HL60 cell lysate: PRMT3 (Arrow) was detected using purified Pab (Lane B) but not pre-immune serum (lane A). Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT3 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	44771198
NCBI GeneID	10196
NCBI Accession #	NP_005779.1
NCBI GenBank Nucleotide #	NM_005788.3
UniProt Accession #	O60678; B4DUC7
Molecular Weight	59876
NCBI Official Full Name	protein arginine N-methyltransferase 3 isoform 1
NCBI Official Synonym Full Names	protein arginine methyltransferase 3
NCBI Official Symbol	PRMT3
NCBI Official Synonym Symbols	HRMT1L3
NCBI Protein Information	protein arginine N-methyltransferase 3
UniProt Protein Name	Protein arginine N-methyltransferase 3
UniProt Gene Name	PRMT3
UniProt Synonym Gene Names	HRMT1L3
UniProt Entry Name	ANM3_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/prmt3-antibody-immunohistochemistry-western-blot-elisa/289284>