

Rabbit PRMT3 Polyclonal Antibody | anti-PRMT3 antibody

PRMT3 antibody - middle region

CATALOG # AAA198575	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation
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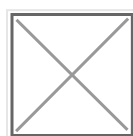
PRODUCT SYNONYMS

PRMT3; Polyclonal Antibody; PRMT3 antibody - middle region; anti-PRMT3 antibody

PRODUCT SPECIFICATIONS

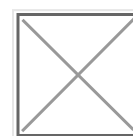
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LE FSSDFTLKIT RTSMCTAIAG YFDIYFEKNC HNRVVFSTGP QSTKTHWK
Sequence Length	531
Applicable Applications for anti-PRMT3 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation)
Homology	Cow: 86%; Dog: 85%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PRMT3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PRMT3 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Muscle



ChIP (Chromatin Immunoprecipitation)

Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT3 antibody	This is a rabbit polyclonal antibody against PRMT3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Type I protein arginine N-methyltransferases (PRMTs), such as PRMT3, catalyze the formation of asymmetric N(G),N(G)-dimethylarginine (ADMA) residues in proteins.Type I protein arginine N-methyltransferases (PRMTs), such as PRMT3, catalyze the formation of asymmetric N(G),N(G)-dimethylarginine (ADMA) residues in proteins (Tang et al., 1998 [PubMed 9642256]).[supplied by OMIM]. Sequence Note: removed 2 bases from the 5' end that did not align to the reference genome assembly. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-2630 BC064831.1 3-2632
Product Categories/Family for anti-PRMT3 antibody	Polyclonal; Methylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	44771198
NCBI GeneID	10196
NCBI Accession #	NP_005779
NCBI GenBank Nucleotide #	NM_005788
UniProt Accession #	O60678
Molecular Weight	60kDa
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-western-blot-chromatin-immunoprecipitation-elisa/198575>