

Rabbit PRMT2 Polyclonal Antibody | anti-PRMT2 antibody

PRMT2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198581	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

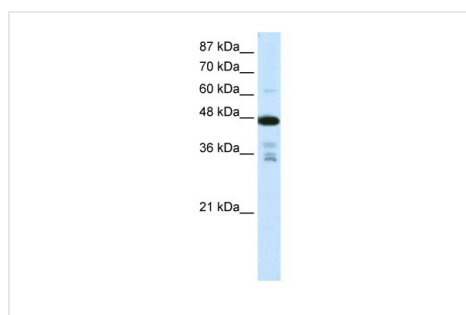
PRODUCT SYNONYMS

PRMT2; Polyclonal Antibody; PRMT2 antibody - N-terminal region; anti-PRMT2 antibody

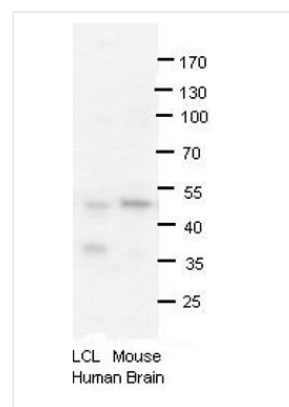
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A 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 sequence: ES QGEEPAECSE AGLLQEGVQP EEFVAIADYA ATDETQLSFL RGEKILIL
Sequence Length	433
Applicable Applications for anti-PRMT2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PRMT2
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.

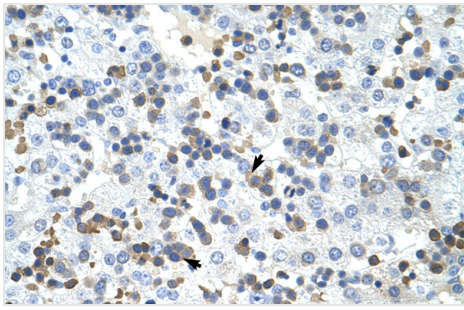
IMAGES


WB (Western Blot)

WB Suggested Anti-PRMT2 Antibody Titration: 0.625ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate

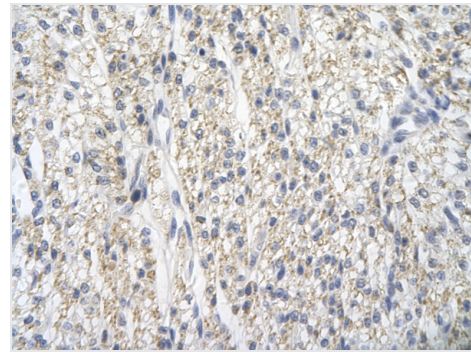

WB (Western Blot)

PRMT2 antibody - N-terminal region validated by WB using human LCL and mouse brains at 1:1000.



IHC (Immunohistochemistry)

Rabbit Anti-PRMT2 Antibody
Paraffin Embedded Tissue: Human Liver
Cellular Data: Liver cells
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X



IHC (Immunohistochemistry)

Rabbit Anti-PRMT2 Antibody
Paraffin Embedded Tissue: Human cardiac cell
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT2 antibody	This is a rabbit polyclonal antibody against PRMT2. It was validated on Western Blot and immunohistochemistry Target Description: The protein arginine methyltransferases (PRMTs) include a family of proteins with related putative methyltransferase domains that modify chromatin and regulate cellular transcription. PRMT2 inhibits NF-kappaB-dependent transcription and promotes apoptosis and it exerts this effect by blocking nuclear export of IkappaB-alpha through a leptomycin-sensitive pathway, increasing nuclear IkappaB-alpha and decreasing NF-kappaB DNA binding. PRMT2 also rendered cells susceptible to apoptosis by cytokines or cytotoxic drugs, likely due to its effects on NF-kappaB.
Product Categories/Family for anti-PRMT2 antibody	Polyclonal; Transcription Regulation; Chromatin & Nuclear Signaling; Signal Transduction; Various; Epigenetics; Apoptosis; DNA/RNA/Protein Interactions; Immunohistochemistry; Methylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	46255047
NCBI GeneID	3275
NCBI Accession #	NP_001526
NCBI GenBank Nucleotide #	NM_001535
UniProt Accession #	P55345
Molecular Weight	48kDa
NCBI Official Full Name	protein arginine N-methyltransferase 2 isoform 1
NCBI Official Synonym Full Names	protein arginine methyltransferase 2
NCBI Official Symbol	PRMT2
NCBI Official Synonym Symbols	HRMT1L1
NCBI Protein Information	protein arginine N-methyltransferase 2
UniProt Protein Name	Protein arginine N-methyltransferase 2
UniProt Gene Name	PRMT2
UniProt Synonym Gene Names	HMT1; HRMT1L1
UniProt Entry Name	ANM2_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.

