

# PRMT2 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11698

## Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">P55345</a>
<b>Other Accession</b>	<a href="#">NM_001535</a> , <a href="#">NP_001526</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	49042

## Additional Information

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<b>Gene ID</b>	3275
<b>Alias Symbol</b>	HRMT1L1
<b>Other Names</b>	Protein arginine N-methyltransferase 2, 2.1.1.-, Histone-arginine N-methyltransferase PRMT2, 2.1.1.125, PRMT2, HMT1, HRMT1L1
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 100 ul of distilled water. Final anti-PRMT2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	PRMT2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PRMT2
<b>Synonyms</b>	HMT1, HRMT1L1
<b>Function</b>	Arginine methyltransferase that methylates the guanidino nitrogens of arginyl residues in proteins such as STAT3, FBL, histone H4. Acts as a coactivator (with NCOA2) of the androgen receptor (AR)- mediated transactivation. Acts as a coactivator (with estrogen) of estrogen receptor (ER)-mediated transactivation. Enhances PGR, PPARG, RARA-mediated transactivation. May inhibit NF-kappa-B transcription and promote apoptosis. Represses E2F1 transcriptional activity (in a RB1- dependent manner). May be involved in growth regulation.

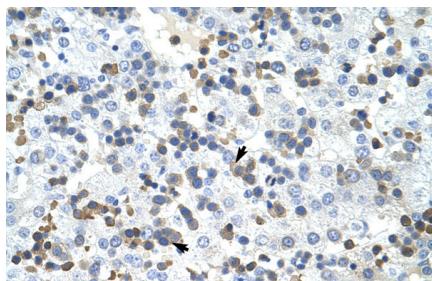
## Cellular Location

[Isoform 1]: Cytoplasm. Nucleus. Note=Translocates from the cytoplasm to the nucleus, after hormone exposure. Excluded from nucleolus [Isoform PRMT2Beta]: Cytoplasm. Nucleus. Nucleolus [Isoform PRMT2L2]: Cytoplasm. Nucleus Note=Predominantly cytoplasmic

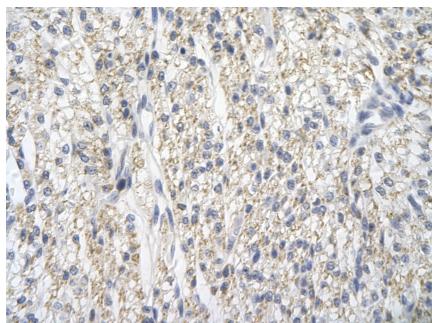
## Tissue Location

Widely expressed. Highly expressed in androgen target organs such as heart, prostate, skeletal muscle, ovary and spinal cord.

## Images



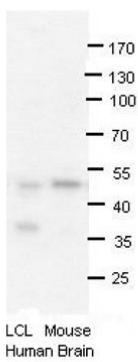
Rabbit Anti-PRMT2 Antibody  
Paraffin Embedded Tissue: Human Liver  
Cellular Data: Liver cells  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X



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



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



PRMT2 antibody - N-terminal region (AI11698) validated by WB using human LCL and mouse brains at 1:1000.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.