

Datasheet for ABIN2778663
anti-PRMT2 antibody (N-Term)[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	PRMT2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig, Horse, Guinea Pig, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRMT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PRMT2
Sequence:	ESQGEEPAEC SEAGLLQEGV QPEEFVAIAD YAATDETQLS FLRGEKILIL
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PRMT2. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	PRMT2
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Target Details

Alternative Name:	PRMT2 (PRMT2 Products)
Background:	<p>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.</p> <p>Alias Symbols: HRMT1L1</p> <p>Protein Interaction Partner: FIP1L1, SPAG8, RIPK2, BAG6, RB1, HNRNPA1, E2F1, UBC, PSMB3, HHV8GK18_gp81, CPSF7, DMRTB1, HNRNPUL1, PRMT2, THRB, PGR, NCOA6, NCOA1, ESR2, RXRA, PRRC2A, ESR1, PPARG, RARA,</p> <p>Protein Size: 433</p>
Molecular Weight:	48 kDa
Gene ID:	3275
NCBI Accession:	NM_001535 , NP_001526
UniProt:	P55345
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Nuclear Hormone Receptor Binding

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 433 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

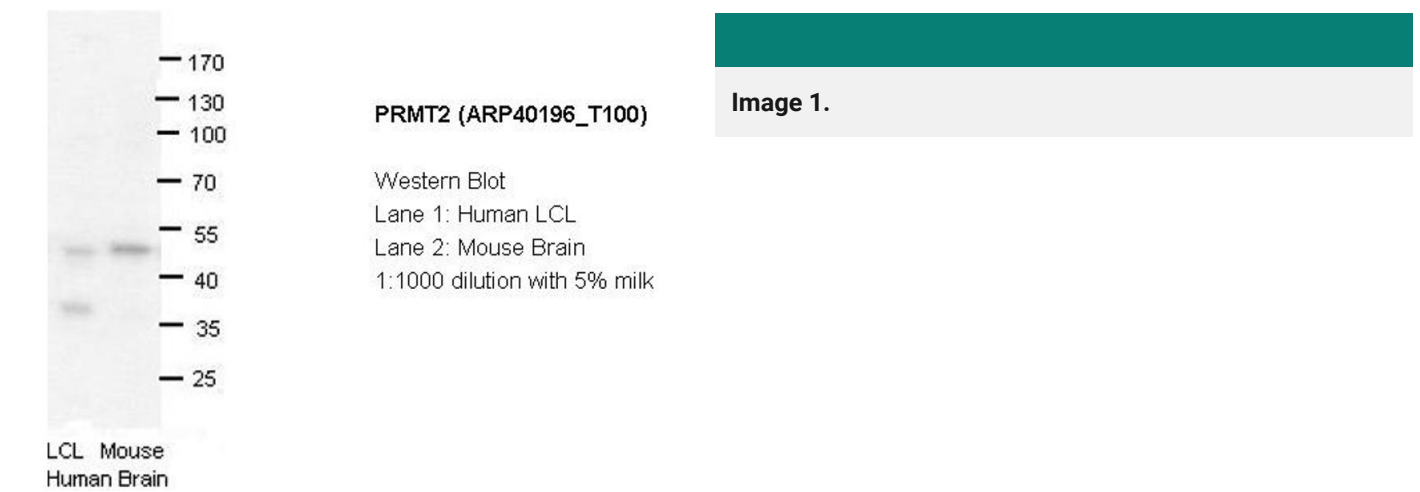
Handling

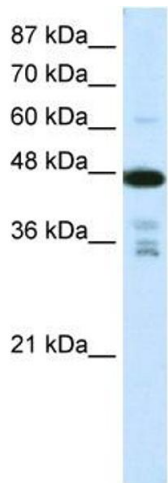
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Bertin, Dury, Ouellet, Pelletier, Labrie: "Localization of the androgen-synthesizing enzymes, androgen receptor, and sex steroids in the vagina: possible implications for the treatment of postmenopausal sexual dysfunction." in: The journal of sexual medicine , Vol. 11, Issue 8, pp. 1949-61, (2014) (PubMed).
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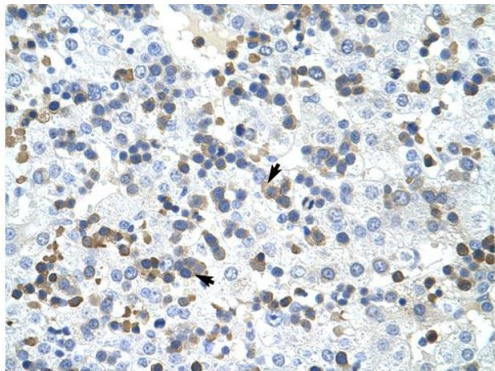
Images





Western Blotting

Image 2. WB Suggested Anti-PRMT2 Antibody Titration: 0.625ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate



Rabbit Anti-PRMT2 Antibody
Catalog Number: ARP40196
Lot Number: QC9367
Paraffin Embedded Tissue: Human Liver
Cells with Positive label: Liver cell (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 3. Rabbit Anti-PRMT2 Antibody Paraffin Embedded Tissue: Human Liver Cellular Data: Liver cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2778663.