

Datasheet: VPA00236

Description:	RABBIT ANTI PRMT1
Specificity:	PRMT1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit Ig fraction prepared by ammonium sulphate precipitation.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).
Immunogen	KLH conjugated synthetic peptide between 317-346 amino acids from the C-terminal region of human PRMT1

External Database Links

UniProt:

[Q99873](#)

[Related reagents](#)

Entrez Gene:

Synonyms	HMT2, HRMT1L2, IR1B4
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Specificity	<p>Rabbit anti Human PRMT1 antibody recognizes protein arginine N-methyltransferase 1, also known as HMT1 (hnRNP methyltransferase, <i>S. cerevisiae</i>)-like 2, heterogeneous nuclear ribonucleoprotein methyltransferase 1-like 2, histone-arginine N-methyltransferase and interferon receptor 1-bound protein 4.</p> <p>Encoded by the PRMT1 gene, protein arginine N-methyltransferase 1 is a member of the protein arginine N-methyltransferase (PRMT) family. Post-translational modification of target proteins by PRMTs plays an important regulatory role in many biological processes, whereby PRMTs methylate arginine residues by transferring methyl groups from S-adenosyl-L-methionine to terminal guanidino nitrogen atoms. The encoded protein is a type I PRMT and is responsible for the majority of cellular arginine methylation activity. Increased expression of PRMT1 may play a role in many types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for PRMT1, and a pseudogene of PRMT1 is located on the long arm of chromosome 5 (provided by RefSeq, Dec 2011).</p> <p>Rabbit anti Human PRMT1 antibody detects a band of 42 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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Western Blotting	Anti PRMT1 detects a band of approximately 42 kDa in HEK293 cell lysates.
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Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
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Guarantee	12 months from date of despatch.
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Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00236 Antibody (10040)
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Regulatory	For research purposes only.
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Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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