

Datasheet: VPA00236

BATCH NUMBER 151204

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:

[3276](#) PRMT1 [Related reagents](#)

Synonyms HMT2, HRMT1L2, IR1B4

Specificity **Rabbit anti Human PRMT1 antibody** recognizes protein arginine N-methyltransferase 1, also known as HMT1 (hnRNP methyltransferase, *S. cerevisiae*)-like 2, heterogeneous nuclear ribonucleoprotein methyltransferase 1-like 2, histone-arginine N-methyltransferase and interferon receptor 1-bound protein 4.

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).

Rabbit anti Human PRMT1 antibody detects a band of 42 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti PRMT1 detects a band of approximately 42 kDa in HEK293 cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00236>
Antibody (10040)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

Printed on 25 Mar 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)