

## Datasheet: VPA00236

<b>Description:</b>	RABBIT ANTI PRMT1
<b>Specificity:</b>	PRMT1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb™ Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

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

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. 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 dependant on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit Ig fraction prepared by ammonium sulphate precipitation
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	KLH conjugated synthetic peptide between 317-346 amino acids from the C-terminal region of human PRMT1
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q99873</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">3276</a> PRMT1    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	HMT2, HRMT1L2, IR1B4
<b>Specificity</b>	<b>Rabbit anti Human PRMT1 antibody</b> 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.

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.

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<b>Western Blotting</b>	Anti PRMT1 detects a band of approximately 42 kDa in HEK293 cell lysates
<b>Instructions For Use</b>	Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Shelf Life</b>	As supplied, 12 months from date of despatch.
<b>Acknowledgements</b>	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: Antibody (10040): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	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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