

## Datasheet: VPA00222

<b>Description:</b>	RABBIT ANTI EHMT2
<b>Specificity:</b>	EHMT2
<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

**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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<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 361-395 amino acids from the central region of human EHMT2

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**External Database****Links****UniProt:**[Q96KQ7](#)[Related reagents](#)**Entrez Gene:**[10919](#)

EHMT2

[Related reagents](#)

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**Synonyms**

BAT8, C6orf30, G9A, KMT1C, NG36

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**Specificity**

**Rabbit anti Human EHMT2 antibody** recognizes the histone-lysine N-methyltransferase EHMT2, also known as G9A histone methyltransferase, H3-K9-HMTase 3, HLA-B associated transcript 8, ankyrin repeat-containing protein, histone H3-K9 methyltransferase 3, H3 lysine-9 specific 3 and lysine N-methyltransferase 1C.

A cluster of genes, BAT1-BAT5, has been localized in the vicinity of the genes for TNF alpha and TNF beta. EHMT2 is found near this cluster; it was mapped near the gene for C2 within a 120-kb region that included a HSP70 gene pair. These genes are all within the human major histocompatibility complex class III region. EHMT2 was thought to be two different genes, NG36 and G9a, adjacent to each other but a recent publication shows that there is only a single gene. Encoded by the EHMT2 gene, histone-lysine N-methyltransferase EHMT2 is thought to be involved in intracellular protein-protein interaction. There are three alternatively spliced transcript variants of EHMT2 but only two are fully described (provided by RefSeq, Jul 2008).

Rabbit anti Human EHMT2 antibody detects a band of 165 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti EHMT2 detects a band of approximately 165 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/VPA00222>  
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](#)

**North & South America** Tel: +1 800 265 7376  
Fax: +1 919 878 3751

**Worldwide** Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739

**Europe** Tel: +49 (0) 89 8090 95 21  
Fax: +49 (0) 89 8090 95 50

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

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