

Datasheet: VPA00222

Description:	RABBIT ANTI EHMT2
Specificity:	EHMT2
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

Species Cross Reactivity

Reacts with: Mouse
N.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.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Immunogen

KLH conjugated synthetic peptide between 361-395 amino acids from the central region of

human EHMT2

External Database

Links

UniProt:

[Q96KQ7](#) [Related reagents](#)

Entrez Gene:

[10919](#) EHMT2 [Related reagents](#)

Synonyms

BAT8, C6orf30, G9A, KMT1C, NG36

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.

Western Blotting

Anti EHMT2 detects a band of approximately 165 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:
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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