

## Datasheet: AHP3098

**BATCH NUMBER 160756**

<b>Description:</b>	RABBIT ANTI HUMAN PRMT2
<b>Specificity:</b>	PRMT2
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

### 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	▪			1/500 - 1/2500
Immunofluorescence	▪			1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to human PRMT2 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.035% Sodium Azide (NaN <sub>3</sub> ) 30% Glycerol
<b>Carrier Free</b>	Yes
<b>Immunogen</b>	A peptide within the N-terminal region of human PRMT2
<b>External Database Links</b>	<b>UniProt:</b>

[P55345](#)   [Related reagents](#)

**Entrez Gene:**

[3275](#) PRMT2   [Related reagents](#)

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**Synonyms**            HMT1, HRMT1L1

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**Specificity**            **Rabbit anti Human PRMT2 antibody** recognizes protein arginine N-methyltransferase 2.

PRMT2 methylates arginyl residues in proteins such as STAT3, FBL, histone H4 and functions as a coactivator of androgen receptor (AR)-mediated and estrogen receptor (ER)-mediated transactivation ([Qi et al. 2002](#), [Meyer et al. 2007](#)). PRMT2 may inhibit NF-kappa-B transcription and promote apoptosis involved in growth regulation ([Ganesh et al. 2006](#)). In humans, the C-terminal domain of pol II (CTD) comprises 52 repeats of the consensus heptapeptide Tyr1/Ser2/Pro3/Thr4/Ser5/Pro6/Ser7 that is phosphorylated by several kinases during transcription ([Zaborowska et al. 2016](#)).

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**Storage**                This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**             12 months from date of despatch

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**Health And Safety Information**    Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP3098>  
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**Regulatory**            For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)    [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...)    [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [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](http://bio-rad-antibodies.com/datasheets)

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