

Datasheet: VPA00159

**BATCH NUMBER 060315**

<b>Description:</b>	GOAT ANTI MTHFD1L
<b>Specificity:</b>	MTHFD1L
<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
Immunoprecipitation	▪			
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, Rat

**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

Goat polyclonal antibody purified by affinity chromatography.

### Buffer Solution

TRIS buffered saline.

### Preservative Stabilisers

0.02% Sodium Azide (NaN<sub>3</sub>) 0.5% BSA

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Peptide with the sequence C-DTNRFLRKITIGQ, from the internal region of the protein sequence
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q6UB35</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">25902</a> MTHFD1L    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	FTHFSDC1
<b>Specificity</b>	<p><b>Goat anti Human MTHFL1 antibody</b> recognizes MTHFL1, also known as monofunctional C1-tetrahydrofolate synthase and mitochondrial formyltetrahydrofolate synthetase.</p> <p>MTHFD1L is involved in the synthesis of tetrahydrofolate (THF) in mitochondria. THF is important in the de novo synthesis of purines and thymidylate and in the regeneration of methionine from homocysteine. Several transcript variants encoding different isoforms have been found for MTHFD1L (provided by RefSeq, Jun 2011).</p> <p>Goat anti Human MTHFD1L antibody detects a band of 105 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti MTHFD1L detects a band of approximately 105 kDa in Jurkat cell lysates.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	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 #10058 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00159">https://www.bio-rad-antibodies.com/SDS/VPA00159</a> Antibody (10058)
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [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](https://bio-rad-antibodies.com/datasheets)  
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