

Datasheet: VPA00159

Description:	GOAT ANTI MTHFD1L
Specificity:	MTHFD1L
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
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 ₃) 0.5% BSA
Approx. Protein	IgG concentration 0.5 mg/ml

Concentrations

Immunogen Peptide with the sequence C-DTNRFLRKITIGQ, from the internal region of the protein sequence

External Database

Links

UniProt:[Q6UB35](#)[Related reagents](#)**Entrez Gene:**[25902](#)

MTHFD1L

[Related reagents](#)

Synonyms

FTHFSDC1

Specificity

Goat anti Human MTHFL1 antibody recognizes MTHFL1, also known as monofunctional C1-tetrahydrofolate synthase and mitochondrial formyltetrahydrofolate synthetase.

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).

Goat anti Human MTHFD1L antibody detects a band of 105 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti MTHFD1L detects a band of approximately 105 kDa in Jurkat 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 #10058 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00159>
Antibody (10058)

Regulatory

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

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