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GOAT ANTI-MTHFD1L (AA535-538) ANTIBODY

SKU: EB10910

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	formyltetrahydrofolate synthetase domain containing 1| 10-formyl-THF synthetase| dJ292B18.2| MTC1THFS| FTHFSDC1| FLJ21145| DKFZp586G1517| methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like|MTHFD1L
Usage Summary	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Accession ID	NP_056255.2
Blocking Peptide	EBP10910
Immunogen	Peptide with sequence C-DTNDRFLRKITIGQ, from the internal region of the protein sequence according to NP_056255.2.
Peptide Sequence	C-DTNDRFLRKITIGQ
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig, Cow
Reactive Species	Human, Mouse, Rat
Human Gene ID	25902
Mouse Gene ID	270685
Rat Gene ID	361472
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx 110kDa band observed in Human Brain (Cerebellum) (calculated MW of 106kDa according to NP_056255.2). The same band is observed in lysates of cell line NIH3T3, Mouse Brain and Rat Brain. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Pig for this particular batch.
Application Type	Pep-ELISA, WB, IHC

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https://everestbiotech.com/products/goat-anti-mthfd1l-aa535-538-antibody/

SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES