10320 Camino Santa Fe, Suite A
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat Anti-MTHFD2L Antibody

Peptide-affinity purified goat antibody
Catalog # AF1690a

Specification

Goat Anti-MTHFD2L Antibody - Product Information

Application	**WB, E**
Primary Accession	Q9H903
Other Accession	NP_001004346, 441024
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**37315**

Goat Anti-MTHFD2L Antibody - Additional Information

Gene ID 441024

Other Names
Probable bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase 2, NADP-dependent methylenetetrahydrofolate dehydrogenase 2-like protein, MTHFD2-like, NAD-dependent methylenetetrahydrofolate dehydrogenase, 1.5.1.15, Methenyltetrahydrofolate cyclohydrolase, 3.5.4.9, MTHFD2L

Dilution
WB~~1:1000
E~~N/A

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-MTHFD2L Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-MTHFD2L Antibody - Protein Information

Name MTHFD2L (HGNC:31865)

Function

Bifunctional mitochondrial folate-interconverting enzyme that has both NAD/NADP-dependent methylenetetrahydrofolate dehydrogenase and methenyltetrahydrofolate cyclohydrolase activities.

Cellular Location
Mitochondrion inner membrane {ECO:0000250|UniProtKB:D3ZUA0}; Peripheral membrane protein {ECO:0000250|UniProtKB:D3ZUA0}; Matrix side {ECO:0000250|UniProtKB:D3ZUA0}

Tissue Location
Isoform 1, isoform 4 and isoform 5 are expressed in brain and placenta.

Goat Anti-MTHFD2L Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-MTHFD2L Antibody - Images

AF1690a (0.1 µg/ml) staining of Human Testis lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.