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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10910 - Goat Anti-MTHFD1L (aa535-538) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MTHFD1L, methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like, DKFZp586G1517, FLJ21145, FTHFSDC1, MTC1THFS, dJ292B18.2, 10-formyl-THF synthetase, formyltetrahydrofolate synthetase domain containing 1

Official Symbol: MTHFD1L

Accession Number(s): NP_056255.2

Human GeneID(s): [25902](#)

Non-Human GeneID(s): 270685 (mouse), 361472 (rat)

Immunogen

Peptide with sequence C-DTNRFLRKITIGQ, from the internal region of the protein sequence according to NP_056255.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: 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.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow. This batch is not expected to cross-react with Pig in Western blot.

EB10910 (0.1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB10910 (0.1µg/ml) staining of NIH3T3 (A), Mouse Brain (B) and Rat Brain (C) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB10910 (5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.