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Research Use Only. Not for diagnostic or therapeutic use.

EB09354 - Goat Anti-MTHFR Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MTHFR, 5,10-methylenetetrahydrofolate reductase (NADPH), OTTHUMP0000002367, OTTHUMP00000002368, methylenetetrahydrofolate reductase

intermediate form

Official Symbol: MTHFR

Accession Number(s): NP_005948.3

Human GeneID(s): 4524

Immunogen

Peptide with sequence C-NRPTQNARETEAP, from the C Terminus of the protein sequence according to NP_005948.3.

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 1:16000.

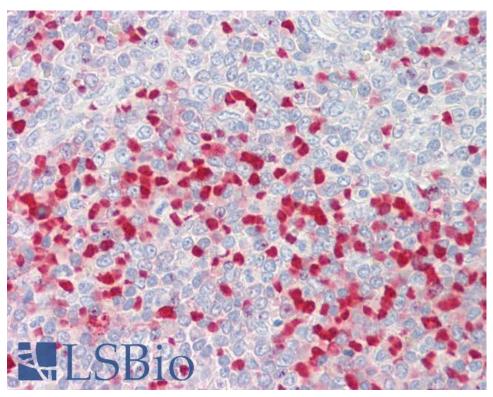
Western blot: Preliminary experiments gave an approx 28kDa band in Human Brain (Cerebellum), Skeletal Muscle and Placenta lysates after 0.2μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 74.6kDa according to NP_005948.3. The 28kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Spleen. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB09354 (3.75 μ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.