

UK Office

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EB11165 - Goat Anti-MTHFR (aa369-383) Antibody 🏹

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: 5,10-methylenetetrahydrofolate reductase (NADPH), methylenetetrahydrofolate reductase, methylenetetrahydrofolate reductase (NAD(P)H), OTTHUMP0000002367, OTTHUMP0000002373, MTHFR Official Symbol: MTHFR Accession Number(s): NP_005948.3 Human GeneID(s): <u>4524</u> Non-Human GeneID(s): 17769 (mouse), 362657 (rat)

Immunogen

Peptide with sequence C-SRPKSYIYRTQEWDE, from the internal region of the protein sequence according to NP_005948.3.

Please note the peptide is available for sale.

Purification and Storage

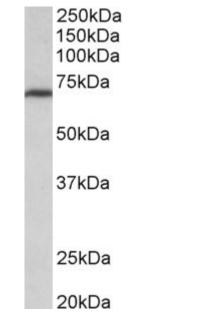
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000. **Western blot:** Approx 70kDa band observed in lysates of cell line NIH3T3 (calculated MW of 74.6kDa according to Human NP_005948.3 and Mouse NP_034970.2). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB11165 (0.3µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.