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Research Use Only. Not for diagnostic or therapeutic use.

EB11612 - Goat Anti-MAT2B (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: beta regulatory subunit of methionine adenosyltransferase, dTDP-4-keto-6-deoxy-D-glucose 4-reductase, MAT II beta, MAT2B, MAT-II, MATIIbeta, methionine adenosyltransferase 2 subunit beta, methionine adenosyltransferase II, beta, MGC12237, Nbla02999, OTTHUMP00000160916, OTTHUMP00000160917, OTTHUMP00000224275, OTTHUMP00000224294, putative protein product of Nbla02999, SDR23E1, short chain dehydrogenase/reductase family 23E, member 1, TGR

Official Symbol: MAT2B

Accession Number(s): NP_037415.1

Human GeneID(s): 27430

Non-Human GenelD(s): 108645 (mouse), 683630 (rat)

Important Comments: This antibody is expected to recognize reported isoform 1

(NP_037415.1) only.

Immunogen

Peptide with sequence REKELSIHFVPGS-C, from the N Terminus of the protein sequence according to NP_037415.1.

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 1:128000.

Western blot: Approx 37kDa band observed in Human Thymus, Tonsil and Spleen lysates (calculated MW of 37.6kDa according to NP_037415.1). Recommended

concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

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



EB11612 ($0.3\mu g/ml$) staining of Human Thymus lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.