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EB12966 - Goat Anti-Aspartyl-tRNA Synthetase (N terminus) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: Dars, aspartyl-tRNA synthetase, 5730439G15Rik, aspRS,

aspartyl-tRNA synthetase, cytoplasmic

Official Symbol: Dars

Accession Number(s): NP_803228.2; NP_663482.2

Non-Human GeneID(s): 226414 (mouse)

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

(NP_803228.2) only.

Immunogen

Peptide with sequence SRKGQEKPREIVD-C, from the N Terminus of the protein sequence according to NP_803228.2; NP_663482.2.

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 1:128000.

Western blot: Approx 55kDa band observed in Mouse fetal Brain lysates (calculated MW of 57.1kDa according to NP_803228.2). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse



EB12966 (0.3μg/ml) staining of Mouse fetal Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.