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Research Use Only. Not for diagnostic or therapeutic use.

EB11782 - Goat Anti-Nat8l (mouse aa211-223) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 1110038O08Rik, NAA synthetase, N-acetylaspartate synthetase, N-acetyltransferase 8-like, N-acetyltransferase 8-like protein, Nat8l, protein Shati, Shati

Official Symbol: Nat8l

Accession Number(s): NP_001001985.3

Human GenelD(s): 339983

Non-Human GenelD(s): 269642 (mouse), 289727 (rat)

Immunogen

Peptide with sequence C-SVDSRFRGKGIAK, from the internal region of the protein sequence according to NP_001001985.3.

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

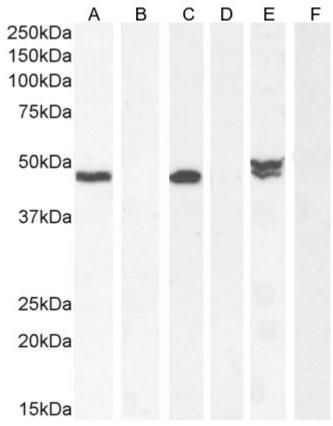
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 45-48kDa band observed in Human Cerebellum and Mouse Brain lysates, and approx. 48-50kDa in Rat Brain lysates (calculated MW of 32.8kDa according to Human NP_848652.2 and 32.7kDa according to Mouse NP_001001985.3 and Rat NP_001178610.1). These bands were successfully blocked by incubation with the immunising peptide. and correspond to similar findings in literature with different antibodies (Becker et al, PMID: 20643647). Recommended concentration: 0.05-0.1μg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human, Mouse, Rat

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



EB11782 (0.1μg/ml) staining of Human Cerebellum (A) + peptide (B), Mouse Brain (C) + peptide (D) and (0.05ug/ml) of Rat Brain (E) + peptide (F) lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.