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Research Use Only. Not for diagnostic or therapeutic use.

EB13051 - Goat Anti-NEFL (aa330-343) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NEFL, neurofilament, light polypeptide, CMT1F, CMT2E, NF-L, NF68, NFL, PPP1R110, light molecular weight neurofilament protein, neurofilament protein, light chain, neurofilament subunit NF-L, neurofilament triplet L protein, neurofilament, light polypeptide 68kDa, protein phosphatase 1, regulatory subunit 110

Official Symbol: NEFL

Accession Number(s): NP_006149.2

Human GeneID(s): 4747

Non-Human GenelD(s): 18039 (mouse), 83613 (rat)

Immunogen

Peptide with sequence C-EKQLQELEDKQNAD, from the internal region of the protein sequence according to NP_006149.2.

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 1:4000.

Western blot: Approx 68-70kDa band observed in lysates of Neuroblastoma cell line KELLY (calculated MW of 61.5kDa according to NP_006149.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB13051 ($1\mu g/ml$) staining of Neuroblastoma KELLY lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.