

## UK Office

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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 GeneID(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



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.