

**Goat Anti-NEFL (aa330-343) Antibody**  
**Purified Goat Polyclonal Antibody**  
**Catalog # AF4310a**

**Specification**

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**Goat Anti-NEFL (aa330-343) Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P07196</a>
Other Accession	<a href="#">NP_006149.2</a> , <a href="#">4747</a> , <a href="#">18039 (mouse)</a> , <a href="#">83613 (rat)</a>
Reactivity	<b>Human</b>
Predicted	<b>Mouse, Rat, Pig, Dog</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>61517</b>

**Goat Anti-NEFL (aa330-343) Antibody - Additional Information**

**Gene ID** 4747

**Other 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 polypeptid

**Format**

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.

**Immunogen**

Peptide with sequence C-EKQLQELEDKQNAD, from the internal region of the protein sequence according to NP\_006149.2.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-NEFL (aa330-343) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-NEFL (aa330-343) Antibody - Protein Information**

**Name** NEFL

**Synonyms** NF68, NFL

### Function

Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. May additionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks (By similarity).

### Cellular Location

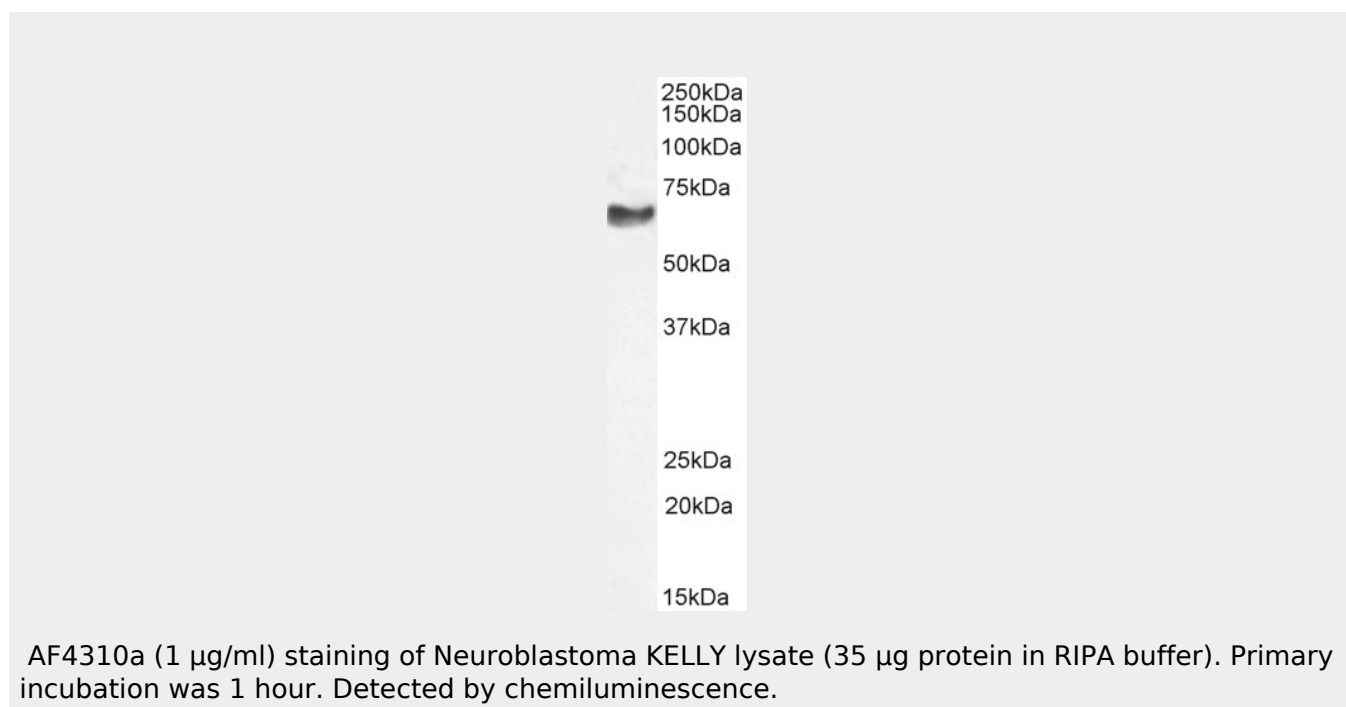
Cell projection, axon {ECO:0000250|UniProtKB:P08551}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:P08551}

### Goat Anti-NEFL (aa330-343) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Goat Anti-NEFL (aa330-343) Antibody - Images



### Goat Anti-NEFL (aa330-343) Antibody - References

Lu CH, Macdonald-Wallis C, Gray E, Pearce N, Petzold A, Norgren N, Giovannoni G, Fratta P, Sidle K, Fish M, Orrell R, Howard R, Talbot K, Greensmith L, Kuhle J, Turner MR, Malaspina A.