

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

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

Application	WB
Primary Accession	P07196
Other Accession	NP_006149.2 , 4747 , 18039 (mouse) , 83613 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Cow, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	61517

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

AF4310a (1 µg/ml) staining of Neuroblastoma KELLY lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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.