10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat Anti-NEFL (aa330-343) Antibody

Purified Goat Polyclonal Antibody
Catalog # AF4310a

Product Information

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

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
Dilution	WB~~1:1000 E~~N/A
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.

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}

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.

Images

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