

NEFL Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51382

Product Information

Application	WB
Primary Accession	P07196
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61517

Additional Information

Gene ID	4747
Other Names	Neurofilament light polypeptide, NF-L, 68 kDa neurofilament protein, Neurofilament triplet L protein, NEFL, NF68, NFL
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NEFL. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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}

Background

Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the

maintenance of neuronal caliber.

References

- Julien J.-P., et al. *Biochim. Biophys. Acta* 909:10-20(1987).
Perez-Olle R., et al. *J. Cell Sci.* 115:4937-4946(2002).
Nusbaum C., et al. *Nature* 439:331-335(2006).
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Pospelov V.A., et al. *Cell Growth Differ.* 5:187-196(1994).

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