

**NEFL Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51382**

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**Specification**

**NEFL Antibody - Product Information**

Application	<b>WB, E</b>
Primary Accession	<a href="#">P07196</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>70 KDa</b>

**NEFL Antibody - Additional Information**

**Gene ID** 4747

**Other Names**

Neurofilament light polypeptide, NF-L, 68 kDa neurofilament protein, Neurofilament triplet L protein, NEFL, NF68, NFL

**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

**NEFL 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}

**NEFL 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](#)

#### **NEFL Antibody - Images**

#### **NEFL Antibody - Background**

Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber.

#### **NEFL Antibody - 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).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Pospelov V.A., et al. *Cell Growth Differ.* 5:187-196(1994).