

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

Specification

NEFL Antibody - Product Information

Application	WB, E
Primary Accession	P07196
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70 KDa

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).