

NF-L / NEFL Antibody
Chicken Polyclonal Antibody
Catalog # ALS16095**Specification**

NF-L / NEFL Antibody - Product Information

Application	WB, ICC, IHC
Primary Accession	P07196
Reactivity	Human
Host	Chicken
Clonality	Polyclonal
Calculated MW	62kDa KDa

NF-L / 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

Target/Specificity

Human NF-L / NEFL

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

NF-L / NEFL Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

NF-L / 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}

Volume

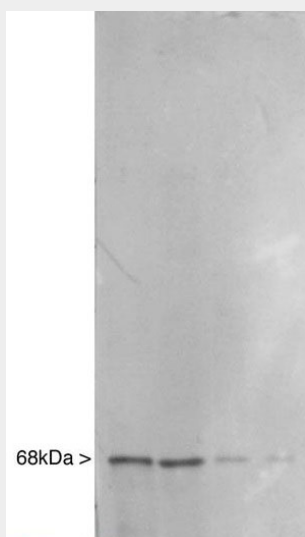
50 µl

NF-L / NEFL Antibody - Protocols

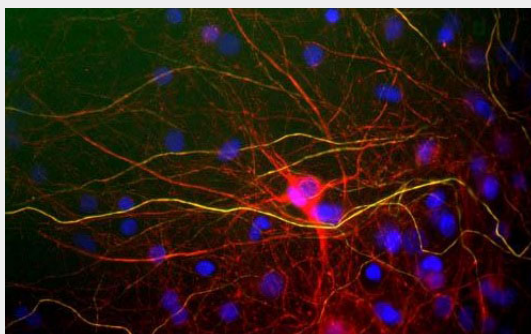
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

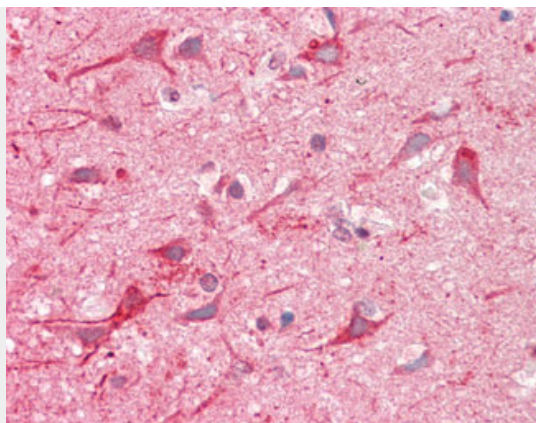
NF-L / NEFL Antibody - Images



Western blots of whole protein extracts of rat spinal cord (lane 1), brain stem (lane 2),...



View of mixed neuron/glia cultures stained with NF-L / NEFL antibody (red) and rabbit antibody...



Anti-NF-L / NEFL antibody IHC staining of human brain, cortex.

NF-L / NEFL Antibody - Background

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

NF-L / 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).