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NF-L / NEFL Antibody (clone 2F11)

Mouse Monoclonal Antibody
Catalog # ALS14877

Specification

NF-L / NEFL Antibody (clone 2F11) - Product Information

Application	**IHC**
Primary Accession	P07196
Reactivity	**Human, Opossum**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**62kDa KDa**

NF-L / NEFL Antibody (clone 2F11) - 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
Reacts exclusively with the phosphorylated isoform of the70 kD neurofilament protein.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
NF-L / NEFL Antibody (clone 2F11) is for research use only and not for use in diagnostic or therapeutic procedures.

NF-L / NEFL Antibody (clone 2F11) - 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}

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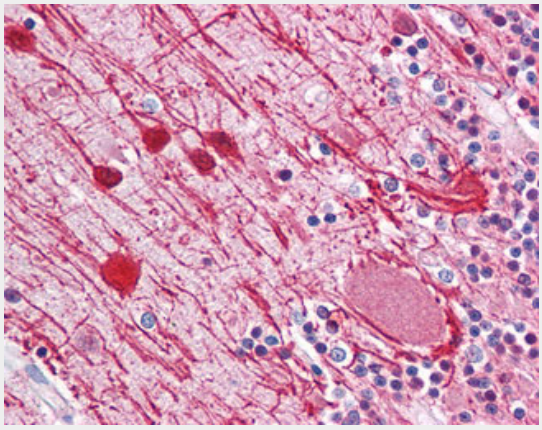
NF-L / NEFL Antibody (clone 2F11) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NF-L / NEFL Antibody (clone 2F11) - Images



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

NF-L / NEFL Antibody (clone 2F11) - 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 (clone 2F11) - 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).
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Pospelov V.A.,et al.Cell Growth Differ. 5:187-196(1994).