

INA / Alpha Internexin Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16111**Specification**

INA / Alpha Internexin Antibody - Product Information

Application	WB, ICC, IHC
Primary Accession	Q16352
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55kDa KDa

INA / Alpha Internexin Antibody - Additional Information**Gene ID** 9118**Other Names**

Alpha-internexin, Alpha-Inx, 66 kDa neurofilament protein, NF-66, Neurofilament-66, Neurofilament 5, INA, NEF5

Target/Specificity

Human INA / Alpha Internexin

Reconstitution & Storage

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

Precautions

INA / Alpha Internexin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

INA / Alpha Internexin Antibody - Protein Information**Name** INA**Synonyms** NEF5**Function**

Class-IV neuronal intermediate filament that is able to self- assemble. It is involved in the morphogenesis of neurons. It may form an independent structural network without the involvement of other neurofilaments or it may cooperate with NEFL to form the filamentous backbone to which NEFM and NEFH attach to form the cross-bridges. May also cooperate with the neuronal intermediate filament protein PRPH to form filamentous networks (By similarity).

Tissue Location

Found predominantly in adult CNS.

Volume

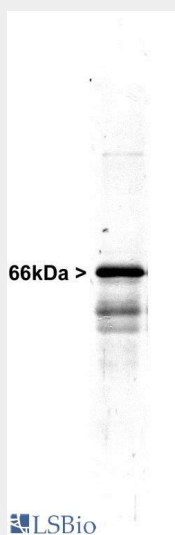
50 μ l

INA / Alpha Internexin Antibody - Protocols

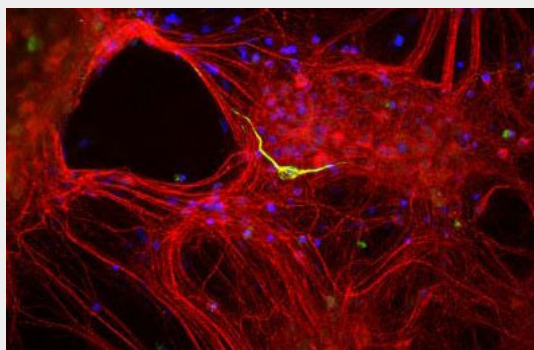
Provided below are standard protocols that you may find useful for product applications.

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

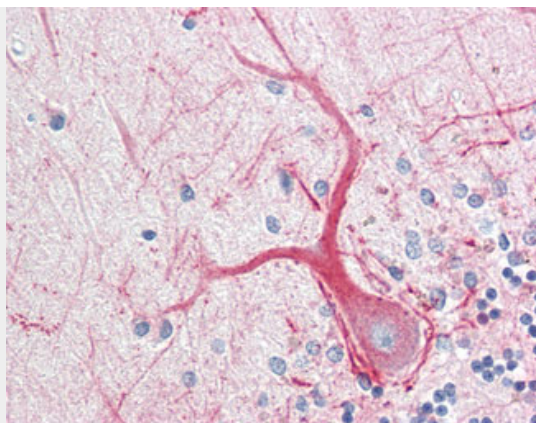
INA / Alpha Internexin Antibody - Images



Western blot of whole rat spinal cord homogenate stained with INA / Alpha Internexin antibody,...



Mixed neuron-glia cultures stained with rabbit antibody to alpha-internexin (red) and chicken...



Anti-INA / Alpha Internexin antibody IHC staining of human brain, cerebellum.

INA / Alpha Internexin Antibody - Background

Class-IV neuronal intermediate filament that is able to self-assemble. It is involved in the morphogenesis of neurons. It may form an independent structural network without the involvement of other neurofilaments or it may cooperate with NF-L to form the filamentous backbone to which NF-M and NF-H attach to form the cross-bridges.

INA / Alpha Internexin Antibody - References

- Chan S.-O.,et al.Brain Res. Mol. Brain Res. 29:177-184(1995).
Deloukas P.,et al.Nature 429:375-381(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Lubec G.,et al.Submitted (DEC-2008) to UniProtKB.
Matsuoka S.,et al.Science 316:1160-1166(2007).