10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

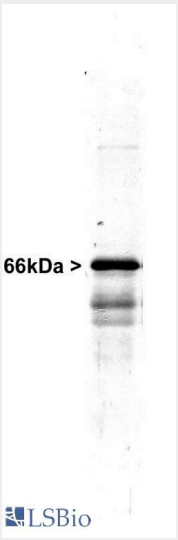
50 µl

INA / Alpha Internexin Antibody - Protocols

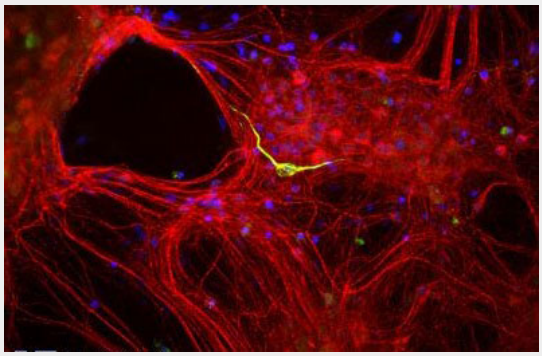
Provided below are standard protocols that you may find useful for product applications.

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

INA / Alpha Internexin Antibody - Images

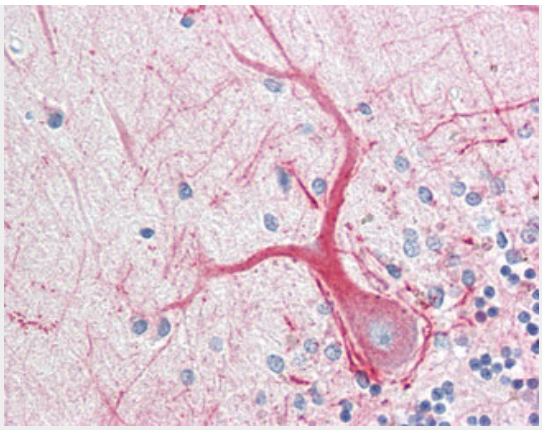


Western blot of whole rat spinal cord homogenate stained with INA / Alpha Internexin antibody,...



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

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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).