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INA (alpha internexin) Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP6284f

Specification

INA (alpha internexin) Antibody (Center) Blocking peptide - Product Information

Primary Accession Q16352

INA (alpha internexin) Antibody (Center) Blocking peptide - 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
The synthetic peptide sequence used to generate the antibody AP6284f was selected from the Center region of human INA. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

INA (alpha internexin) Antibody (Center) Blocking peptide - Protein Information

Name INA

INA (alpha internexin) Antibody (Center) Blocking peptide - Background

INA is a 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 (Center) Blocking peptide - References

Armstrong,R.A.,Eur. J. Neurol. 13 (5), 528-532 (2006)Suzuki,T., Eur. J. Neurosci. 21 (2), 339-350 (2005)Cairns,N.J., Am. J. Pathol. 164 (6), 2153-2161 (2004)

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.

INA (alpha internexin) Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides