

**INA Antibody (Center E185) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6284d****Specification****INA Antibody (Center E185) Blocking Peptide - Product Information**Primary Accession [Q16352](#)**INA Antibody (Center E185) 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 [AP6284d](/product/products/AP6284d) 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 Antibody (Center E185) Blocking Peptide - Protein Information****Name** INA**INA Antibody (Center E185) 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 Antibody (Center E185) 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 Antibody (Center E185) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)