**Anti-Alpha-internexin Antibody**
**Rabbit polyclonal antibody to Alpha-internexin**
**Catalog # AP61348**

## Specification

### Anti-Alpha-internexin Antibody - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | Q16352 |
| Other Accession | P46660 |
| Reactivity | **Human, Mouse, Rat, Bovine** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **55391** |

### Anti-Alpha-internexin Antibody - Additional Information

**Gene ID** 9118

**Other Names**
NEF5; Alpha-internexin; Alpha-Inx; 66 kDa neurofilament protein; NF-66; Neurofilament-66; Neurofilament 5

**Target/Specificity**
Recognizes endogenous levels of Alpha-internexin protein.

**Dilution**
WB~~WB (1/500 - 1/1000)

**Format**
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**
Store at -20 °C.Stable for 12 months from date of receipt

### Anti-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).
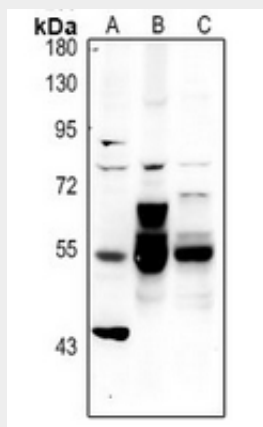
**Tissue Location**
Found predominantly in adult CNS.

**Anti-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

**Anti-Alpha-internexin Antibody - Images**



Western blot analysis of Alpha-internexin expression in U87MG (A), mouse brain (B), rat brain (C) whole cell lysates.

**Anti-Alpha-internexin Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Alpha-internexin. The exact sequence is proprietary.