

Rabbit anti-Human, Rat INA / Alpha Internexin Polyclonal Antibody | anti-INA antibody

Rabbit Polyclonal to Human INA / Alpha Internexin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52467	Rabbit	Human, Rat	Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

INA / Alpha Internexin; Polyclonal Antibody; Rabbit Polyclonal to Human INA / Alpha Internexin; Anti-INA / Alpha Internexin Antibody IHC-plus; INA; 66 kDa neurofilament protein; Alpha Internexin; Alpha-internexin; Alpha-Inx; NEF5; Neurofilament 5; Neurofilament-66; NF-66; TXBP-1; Neurofilament 5 (66kD); Human INA; anti-INA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	Human INA / Alpha Internexin
Purity/Purification	Antiserum
Form/Format	Antiserum
Sequence Length	499
Applicable Applications for anti-INA antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant alpha-internexin expressed in and purified from E Coli.
Immunogen Type	Recombinant protein
Immunogen	INA / Alpha Internexin antibody was raised against recombinant alpha-internexin expressed in and purified from E Coli.
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Western blot of whole rat spinal cord homogenate stained with INA / Alpha Internexin antibody, at dilution of 1:20,000. A prominent band running at ~66kDa is apparent, as well as smaller lower bands which are apparently degradation products. A minor band at ~150kDa is also seen, apparently resulting from dimerization of alpha-internexin.



ICC (Immunocytochemistry)

Mixed neuron-glial cultures stained with rabbit antibody to alpha-internexin (red) and chicken antibody to peripherin (green). The alpha internexin antibody stains numerous axonal and dendritic profiles in these cultures, while peripherin antibody binds to only a subset of neurons.



IHC (Immunohistochemistry)

Anti-INA / Alpha Internexin antibody IHC staining of human brain, cerebellum.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14249342
NCBI GeneID	9118
NCBI Accession #	NP_116116.1
NCBI GenBank Nucleotide #	NM_032727.3
UniProt Accession #	Q16352; Q9BRC5; B1AQK0
Molecular Weight	55,391 Da
NCBI Official Full Name	alpha-internexin
NCBI Official Synonym Full Names	internexin neuronal intermediate filament protein, alpha
NCBI Official Symbol	INA
NCBI Official Synonym Symbols	NEF5; NF-66; TXBP-1
NCBI Protein Information	alpha-internexin; alpha-Inx; neurofilament 5 (66kD); 66 kDa neurofilament protein; neurofilament-66, tax-binding protein
UniProt Protein Name	Alpha-internexin
UniProt Gene Name	INA
UniProt Synonym Gene Names	NEF5; Alpha-Inx; NF-66; Neurofilament-66
UniProt Entry Name	AINX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ina-alpha-internexin-antibody-western-blot-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/52467>