

Rabbit INA (alpha internexin) Polyclonal Antibody | anti-INA antibody

INA (alpha internexin) Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284231	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

INA (alpha internexin); Polyclonal Antibody; INA (alpha internexin) Antibody (Center); Alpha-internexin; Alpha-Inx; 66 kDa neurofilament protein; NF-66; Neurofilament-66; Neurofilament 5; INA; NEF5; anti-INA antibody

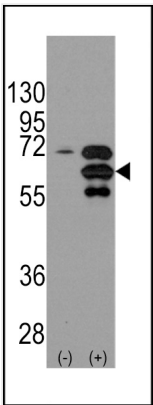
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This INA (alpha internexin) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 290-319 amino acids from the Central region of human INA (alpha internexin).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	290-319
Sequence Length	499
Applicable Applications for anti-INA antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with INA antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of INA (arrow) using rabbit polyclonal INA Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the INA gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-INA antibody	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.
Product Categories/Family for anti-INA antibody	Neuroscience; Signal Transduction
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)

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	55391
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ina-alpha-internexin-antibody-immunohistochemistry-western-blot-elisa/284231>