

Rabbit anti-Human alpha Internexin/INA Polyclonal Antibody | anti-INA antibody

Anti-alpha Internexin/INA Antibody, Rabbit Polyclonal

CATALOG # AAA254277	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

alpha Internexin/INA; Polyclonal Antibody; Anti-alpha Internexin/INA Antibody; Rabbit Polyclonal; INA Antibody; Rabbit PAb; Antigen Affinity Purified; internexin neuronal intermediate filament protein; alpha; Anti-NEF5 Antibody; Anti-NF-66 Antibody; Anti-TXBP-1 Antibody; anti-INA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human alpha Internexin/INA
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-INA antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human INA
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human INA, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-INA rabbit polyclonal antibody at 1:500 dilution. Lane A: Mouse brain tissue lysate Lane B: rat brain tissue lysate Lane C: SHSY5Y Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 55 kDa Observed band size: 55 kDa (We are unsure as to the identity of these extra bands).



IP (Immunoprecipitation)

INA was immunoprecipitated using: Lane A: 0.5 mg SH-SY5Y Whole Cell Lysate 2 uL anti-INA rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-INA rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the DAB staining technique. Performed under reducing conditions. Predicted band size: 55 kDa Observed band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-INA antibody	INA (Internexin Neuronal Intermediate Filament Protein Alpha) is a Protein Coding gene. INA belongs to the intermediate filament family. Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. This gene is a member of the intermediate filament family and is involved in the morphogenesis of neurons. INA is a class-IV neuronal intermediate filament that can self-assemble. 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. Diseases associated with INA include Gastroenteropancreatic Neuroendocrine Neoplasm and Medulloepithelioma.
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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
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/alpha-internexin-ina-antibody-immunoprecipitation-western-blot-elisa/254277>