

Mouse anti-Human INA / Alpha Internexin Monoclonal Antibody | anti-INA antibody

Anti-INA / Alpha Internexin Antibody (clone 2E3) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52591	Mouse	Human	Western Blot, Immunofluorescence, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

INA / Alpha Internexin; Monoclonal Antibody; Anti-INA / Alpha Internexin Antibody (clone 2E3) IHC-plus; Mouse Monoclonal [clone 2E3] (IgG1) to Human INA / Alpha Internexin; Human INA / Alpha Internexin; 66 kDa neurofilament protein; Alpha Internexin; Alpha-internexin; Alpha-Inx; NEF5; Neurofilament 5; Neurofilament-66; NF-66; TXBP-1; Neurofilament 5 (66kD); anti-INA antibody

PRODUCT SPECIFICATIONS

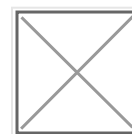
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2E3
Specificity	Clone 2E3 reacts with human alpha-internexin and with this protein in all mammalian species tested to date.
Purity/Purification	Tissue culture supernatant
Form/Format	Tissue culture supernatant
Sequence Length	499
Applicable Applications for anti-INA antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Immunogen	INA / Alpha Internexin antibody was raised against recombinant rat alpha internexin.
Immunogen Description	Recombinant rat alpha internexin.
Immunogen Type	Recombinant protein
Target Species	Human
Preparation and Storage	4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Blot of homogenate of rat facial nucleus incubated with INA / Alpha Internexin antibody, which reveals a single clean band running at ~66 kDa.



IHC (Immunohistochemistry)

Rat facial nucleus before (left) and after (right) facial nerve lesion. Note the profound upregulation of alpha-internexin in the facial nucleus motor 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 1:50.

ADDITIONAL INFORMATION

Related Product Information for anti-INA antibody	INA Antibody, 66 kDa neurofilament protein Antibody, Alpha Internexin Antibody, Alpha-internexin Antibody, Alpha-Inx Antibody, NEF5 Antibody, Neurofilament 5 Antibody, Neurofilament-66 Antibody, NF-66 Antibody, TXBP-1 Antibody, Neurofilament 5 (66kD) Antibody Description: 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.
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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
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/monoclonal/ina-alpha-internexin-antibody-clone-2e3-western-blot-immunofluorescence-immunohistochemistry-immunohistochemistry-elisa/52591>