

Rabbit NFASC Polyclonal Antibody | anti-NFASC antibody

NFASC Antibody

CATALOG # AAA326891	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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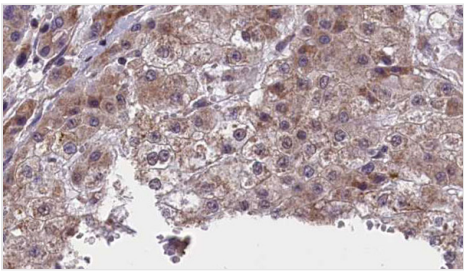
PRODUCT SYNONYMS

NFASC; Polyclonal Antibody; NFASC Antibody; KIAA0756; Neurofascin; Neurofascin homolog; NF; Nfasc; NFASC_HUMAN; NRCAML; anti-NFASC antibody

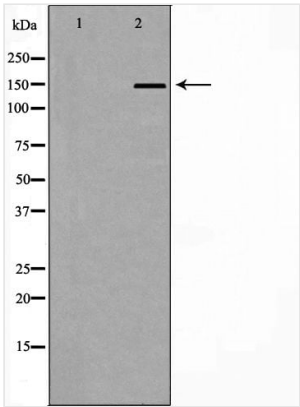
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NFASC antibody detects endogenous levels of total NFASC
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1240
Applicable Applications for anti-NFASC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human NFASC
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA326891 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of A549 lysate, using NFASC antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NFASC antibody	Description: This gene encodes an L1 family immunoglobulin cell adhesion molecule with multiple Igcam and fibronectin domains. The protein functions in neurite outgrowth, neurite fasciculation, and organization of the axon initial segment (AIS) and nodes of Ranvier on axons during early development. Both the AIS and nodes of Ranvier contain high densities of voltage-gated Na+ (Nav) channels which are clustered by interactions with cytoskeletal and scaffolding proteins including this protein, gliomedin, ankyrin 3 (ankyrin-G), and betaIV spectrin. This protein links the AIS extracellular matrix to the intracellular cytoskeleton. This gene undergoes extensive alternative splicing, and the full-length nature of some variants has not been determined. Function: Cell adhesion, ankyrin-binding protein which may be involved in neurite extension, axonal guidance, synaptogenesis, myelination and neuron-glial cell interactions. Subunit Structure: Horseshoe-shaped homodimer. Probable constituent of a NFASC/NRCAM/ankyrin-G complex. Associates with the sodium channel beta-1 (SCN1B) and beta-3 (SCN3B) subunits. Interacts with GLDN/gliomedin (By similarity). Interacts with MYOC. Similarity: Homophilic adhesion is primarily mediated by the interaction of the second Ig-like domains. Belongs to the immunoglobulin superfamily. L1/neurofascin/NgCAM family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	237858675
NCBI GeneID	23114
NCBI Accession #	NP_001005388.2
NCBI GenBank Nucleotide #	NM_001005388.2
UniProt Accession #	O94856; Q149P5; Q5T2F0; Q5T2F1; Q5T2F2; Q5T2F3; Q5T2F4; B2RNN8; B3KQZ1; B5MDP6; B5MDR6; B7ZMD8
Molecular Weight	Observed: 150 kDa Predicted: 151 kDa
NCBI Official Full Name	neurofascin isoform 1
NCBI Official Synonym Full Names	neurofascin
NCBI Official Symbol	NFASC
NCBI Official Synonym Symbols	NF; NRCAML
NCBI Protein Information	neurofascin
UniProt Protein Name	Neurofascin

UniProt Gene Name	NFASC
UniProt Synonym Gene Names	KIAA0756

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://www.aaabiotech.com/polyclonal/nfasc-antibody-immunohistochemistry-western-blot-elisa/326891>