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Neurofascin Rabbit pAb

Catalog # AP97560

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O94856
Other Accession	O94856
Reactivity	Rat, Mouse
Predicted	Human, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	150027
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Neurofascin-155
Epitope Specificity	501-650/1347
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the immunoglobulin superfamily. L1/neurofascin/NgCAM family.
SUBUNIT	Horseshoe-shaped homodimer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Neurofascin is a cell adhesion molecule involved in mediating axon recognition but also signaling axonal contact. Immunoglobulin domain cell adhesion molecule (cam) subfamily; members are components of neural cell adhesion molecules (N-CAM L1), Fasciclin II and the insect immune protein Hemolin. The subfamily also includes receptor domains such as as the extracelluar ligand binding domain of Fibroblast Growth Factor Receptor 2. Members are phylogenetically diverse, occuring throughout metazoa, and are not components of the adaptive immune system molecules found in jawed vertebrates. A predominant feature of most Ig domains is a disulfide bridge connecting 2 beta-sheets with a Trp packing against the disulfide bond.

Additional Information

Gene ID	23114
Other Names	NEDCPMD; NF; NRCAML; D430023G06Rik; mKIAA0756; NFASC_HUMAN; NFASC; KIAA0756; NFASC_MOUSE; NFASC_RAT; neurofascin; neurofascin homolog (chicken)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NFASC
Synonyms	KIAA0756
Function	Cell adhesion, ankyrin-binding protein which may be involved in neurite extension, axonal guidance, synaptogenesis, myelination and neuron-glial cell interactions.
Cellular Location	Cell membrane; Single-pass type I membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.