



Rabbit Anti-Neurofascin antibody

SL0289R

Product Name:	Neurofascin
Chinese Name:	神经束蛋白抗体
Alias:	KIAA0756; Neurofascin; Neurofascin homolog; NF; Nfasc; Nfasc protein; NFASC_HUMAN; NRCAML; neurofascin 155 kDa isoform; Neurofascin155.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	132/150kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Neurofascin-155:501-650/1347<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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 extracellular ligand binding domain of Fibroblast Growth

Factor Receptor 2. Members are phylogenetically diverse, occurring 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.

Function:

Cell adhesion, ankyrin-binding protein which may be involved in neurite extension, axonal guidance, synaptogenesis, myelination and neuron-glia cell interactions.

Subunit:

Horseshoe-shaped homodimer.

Subcellular Location:

Cell membrane; Single-pass type I membrane protein.

Similarity:

Belongs to the immunoglobulin superfamily. L1/neurofascin/NgCAM family.

SWISS:

O94856

Gene ID:

23114

Database links:

[Entrez Gene: 23114](#) Human

[Entrez Gene: 269116](#) Mouse

[Entrez Gene: 116690](#) Rat

[Omim: 609145](#) Human

[SwissProt: O94856](#) Human

[SwissProt: Q810U3](#) Mouse

[SwissProt: P97685](#) Rat

[Unigene: 13349](#) Human

[Unigene: 326702](#) Mouse

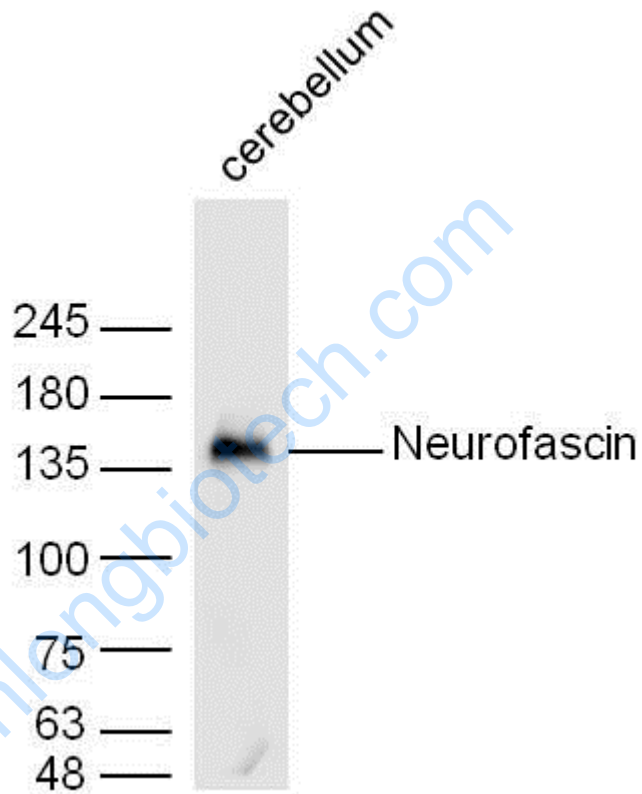
[Unigene: 3048](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Neurobiology相关蛋白 (Neurobiology)

Picture:



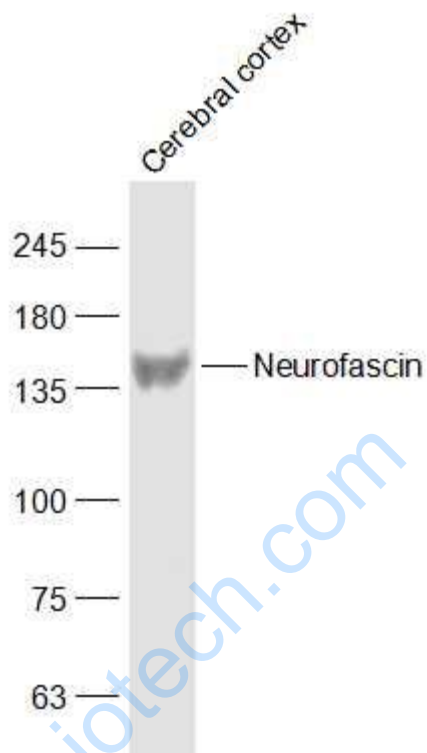
Sample: Cerebellum (Mouse) Lysate at 30 ug

Primary: Anti- Neurofascin Polyclonal (SL0289R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 132/150 kD

Observed band size: 136 kD



Sample:

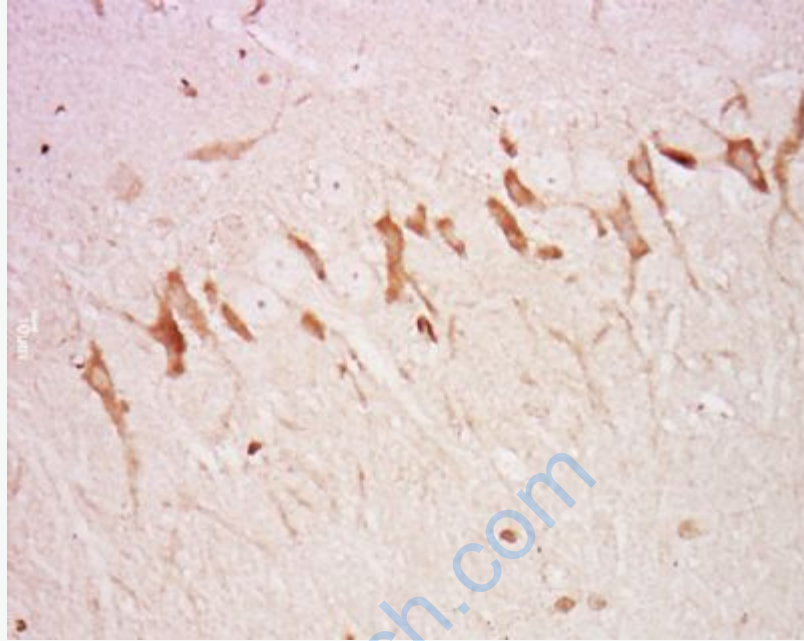
Cerebral cortex (Mouse) Lysate at 40 ug

Primary: Anti-Neurofascin (SL0289R) at 1/1000 dilution

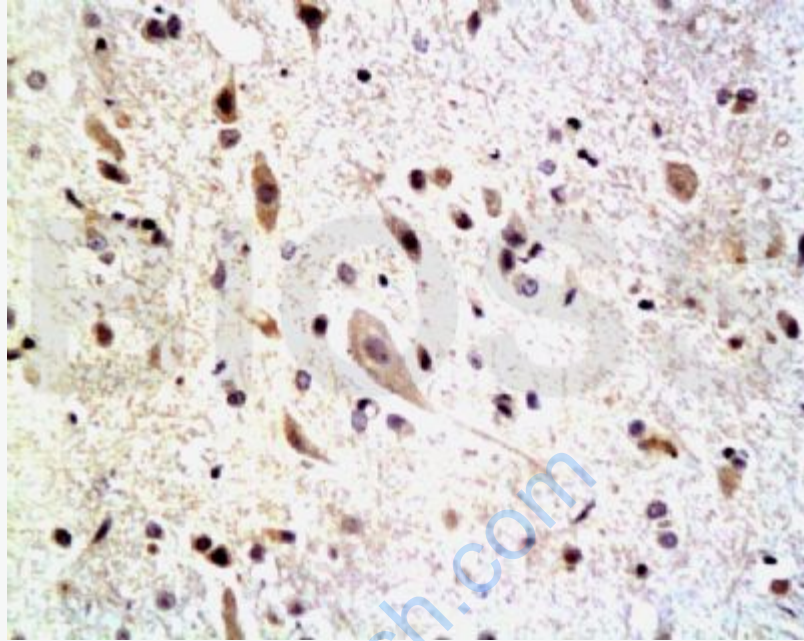
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 132/150 kD

Observed band size: 150 kD



Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-Neurofascin Polyclonal Antibody, Unconjugated(SL0289R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat spinal cord tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-Neurofascin Polyclonal Antibody, Unconjugated(SL0289R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining