SunLong Biotech Co.,LTD
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# 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; Neurofascin-155; NF-155. |
| **Research Area** | Neurobiology |
| **Immunogen Species** | Rabbit |
| **Clonality** | Polyclonal |
| **React Species** | Human, Mouse, Rat, (predicted: Chicken, Dog, Cow, Horse, ) |
| **Applications** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Theoretical molecular weight** | 132/150kDa |
| **Cellular localization** | The cell membrane |
| **Form** | 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 |
| **Buffer Solution** | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. |
| **Storage** | Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| **Attention** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **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 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.

**Function:**
Cell adhesion, ankyrin-binding protein which may be involved in neurite extension, axonal guidance, synaptogenesis, myelination and neuron-glial 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

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SwissProt: P97685 Rat

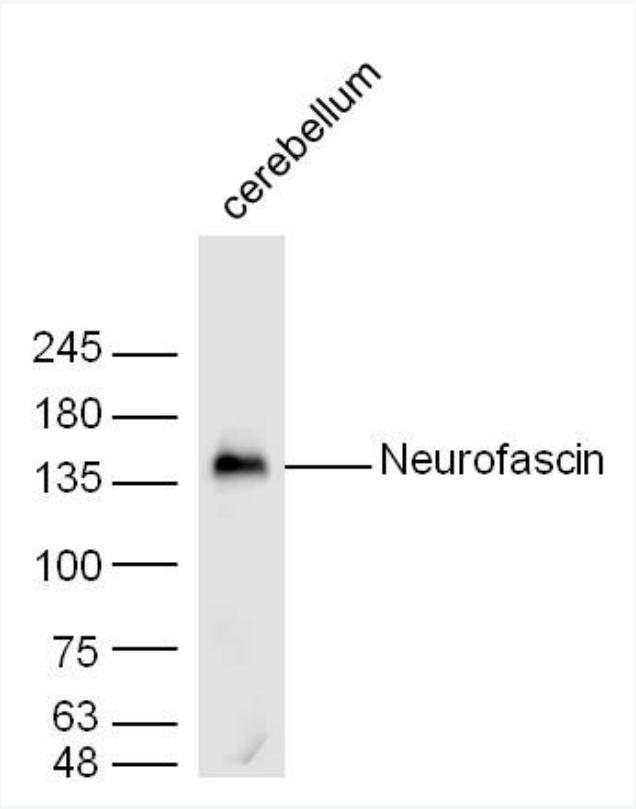
Unigene: 13349 Human

Unigene: 326702 Mouse

Unigene: 3048 Rat

Neurobiology 相关蛋白（Neurobiology）

**Product 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

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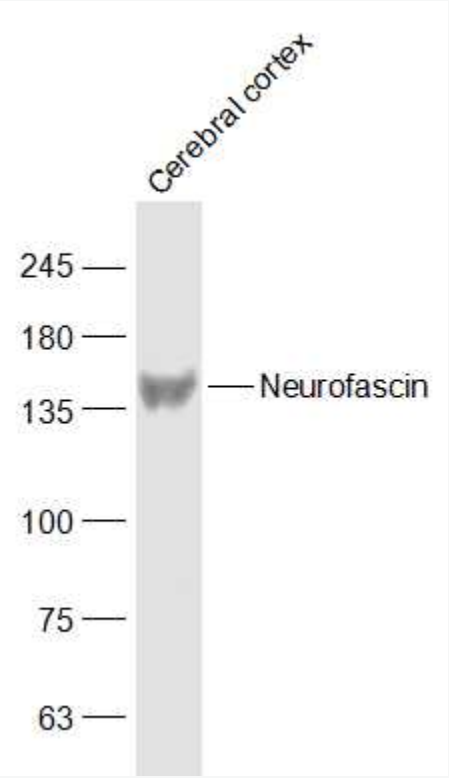
Observed band size: 136 kD




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

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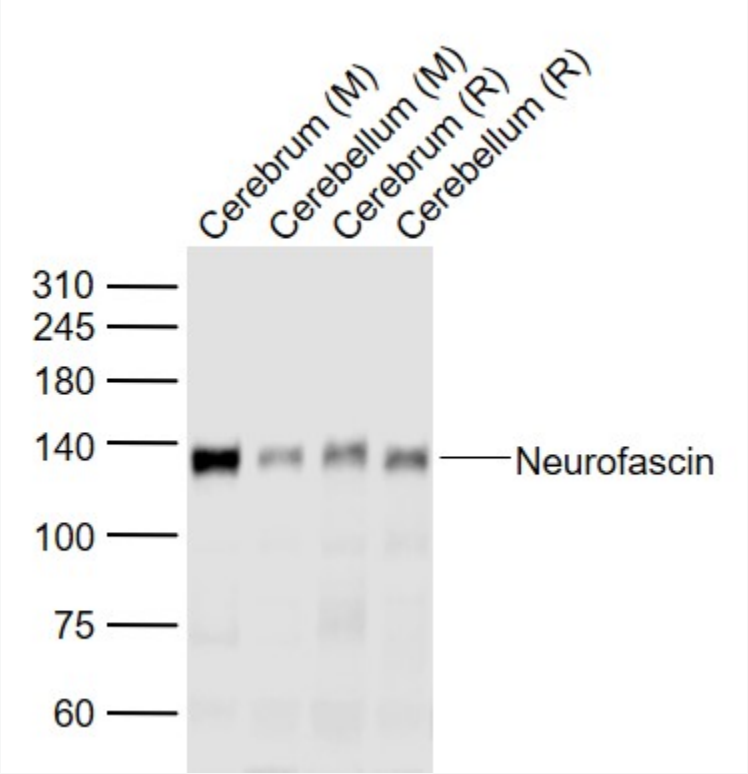


Sample:

Lane 1: Cerebrum (Mouse) Lysate at 40 ug

Lane 2: Cerebellum (Mouse) Lysate at 40 ug

Lane 3: Cerebrum (Rat) Lysate at 40 ug

Lane 4: Cerebellum (Rat) 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 kD

Observed band size: 132 kD

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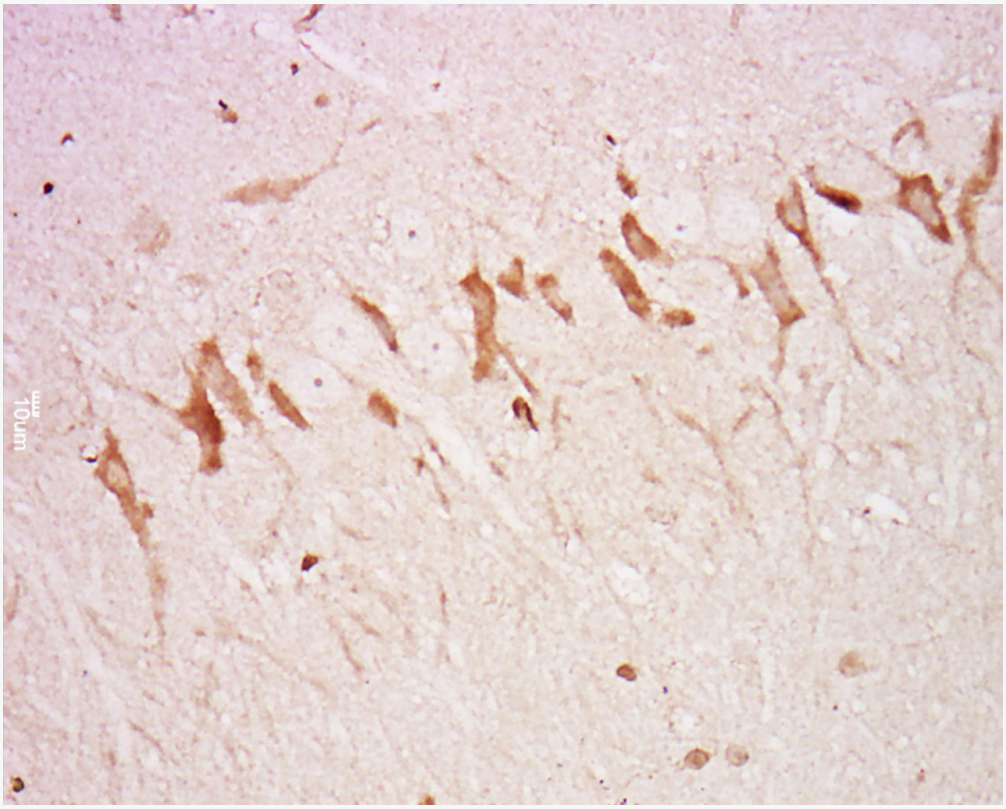


Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 1M, 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∩ 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

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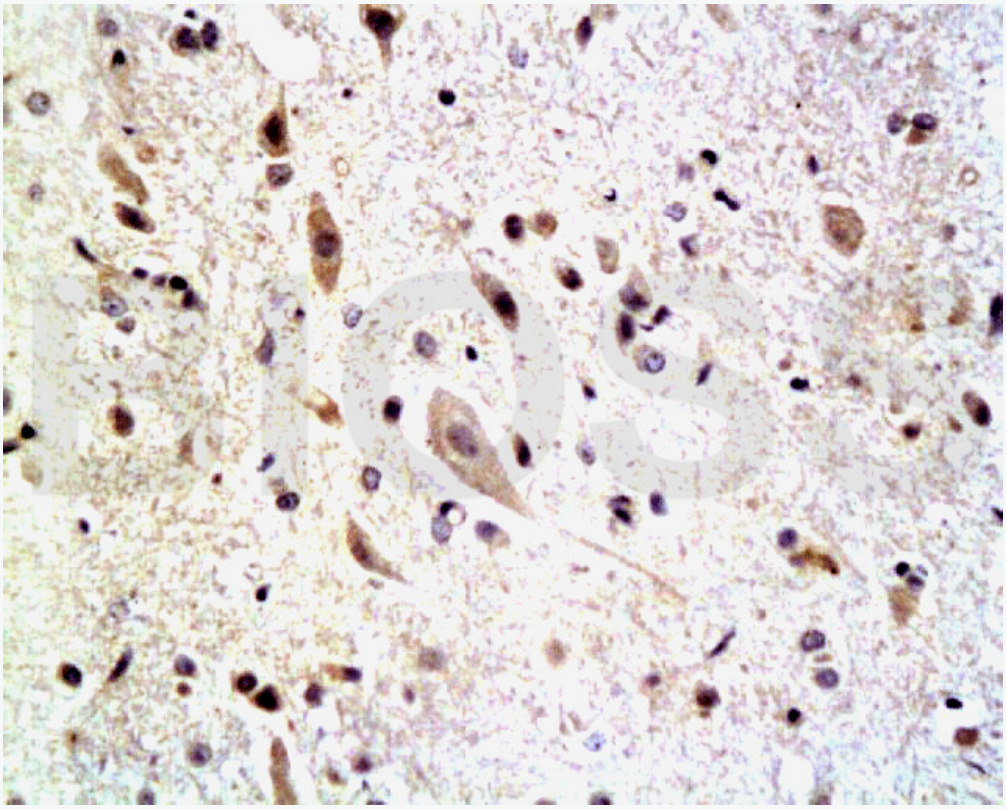

Tissue/cell: rat spinal cord tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 1M, 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∩ 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