

**bs-0289R****[ Primary Antibody ]**

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www.bioss.com.cn

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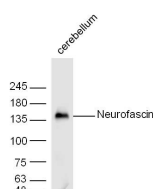
400-901-9800

## Neurofascin Rabbit pAb

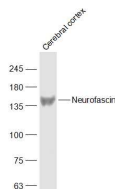
### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Cow, Chicken, Dog, Horse)  <b>Predicted MW.:</b> 132/150 kDa  <b>Subcellular Location:</b> Cell membrane
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 23114	<b>SWISS:</b> Q94856	
<b>Target:</b> Neurofascin		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Neurofascin-155: 501-650/1347. < Extracellular >		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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.		

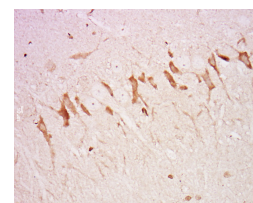
### — VALIDATION IMAGES —



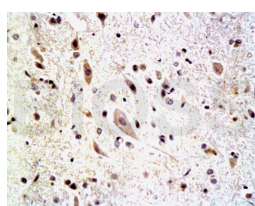
Sample: Cerebellum (Mouse) Lysate at 30 ug  
 Primary: Anti- Neurofascin Polyclonal (bs-0289R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 132/150 kD Observed band size: 136 kD



Sample: Cerebral cortex (Mouse) Lysate at 40 ug  
 Primary: Anti-Neurofascin (bs-0289R) 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(bs-0289R) 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-

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

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(bs-0289R) 1:200, overnight at 4 °C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining