

Anti-Neurofascin Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Chicken,Dog,Cow,Horse)
Molecular Weight:	Theoretical: 132/150 kDa. Actual: 132 kDa.
Purification:	Protein A purified

Applications

1. Tissue/cell: rat spinal cord tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Neurofascin Polyclonal Antibody, Unconjugated (TMAB-09388) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
 2. Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Neurofascin Polyclonal Antibody, Unconjugated (TMAB-09388) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
 3. Sample: Cerebellum (Mouse) Lysate at 30 µg
Primary: Anti-Neurofascin Polyclonal (TMAB-09388) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
- Verified Activity: Predicted band size: 132/150 kD
Observed band size: 136 kD
4. Sample:
Lane 1: Cerebrum (Mouse) Lysate at 40 µg
Lane 2: Cerebellum (Mouse) Lysate at 40 µg
Lane 3: Cerebrum (Rat) Lysate at 40 µg
Lane 4: Cerebellum (Rat) Lysate at 40 µg
Primary: Anti-Neurofascin (TMAB-09388) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 132 kD
Observed band size: 132 kD
 5. Sample: Cerebral cortex (Mouse) Lysate at 40 µg
Primary: Anti-Neurofascin (TMAB-09388) 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

A DRUG SCREENING EXPERT

Application: WB,IHC-P,IHC-Fr,IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Neurofascin-155

Antigen Species: Human

Gene ID: 23114

Uniprot ID: O94856

Research Background

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 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.

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