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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-LRFN2 Antibody

Catalog Number: A11623

About LRFN2

LRFN2 is one of a family of five transmembrane glycoproteins that are highly expressed in neuronal tissues. LRFN proteins share leucine-rich repeat (LRR)-immunoglobulin-like (Ig)-fibronectin type III (Fn)-transmembrane domain structure with other members of the LRR-Ig-Fn protein superfamily such as the Slitrk family of proteins. Expression of LRFN1, -3, and -4 mRNA was detected in embryonic neuronal cells, while Lrfn2 and Lrfn5 expression was primarily restricted to more mature cells. LRFN1, -2, and -4 bound to PDZ domains of postsynaptic PSD95, re-distributing PSD95 to the cell periphery. It has been suggested that the Lrfn proteins play a role in the developing and/or mature vertebrate nervous system.

Overview

Product Name	Anti-LRFN2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-LRFN2 Antibody (Catalog # A11623). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	LRFN2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	LRFN2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9ULH4

Technical Details

Immunogen	LRFN2 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human LRFN2. The immunogen is located within amino acids 700 - 750 of LRFN2.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of LRFN2 are known to exist. This antibody is predicted to not cross-react with other members of the LRFN family.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	LRFN2 Antibody is affinity chromatography purified via peptide column.

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Suggested Dilutions	LRFN2 antibody can be used for detection of LRFN2 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse and rat samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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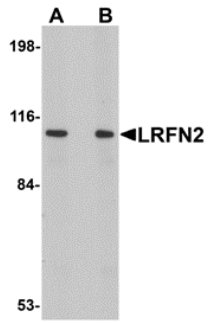
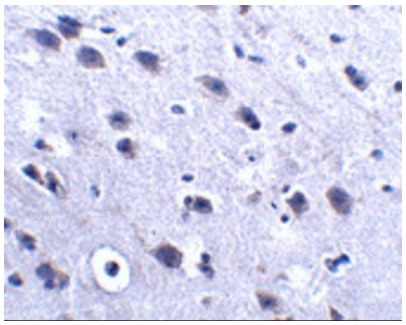
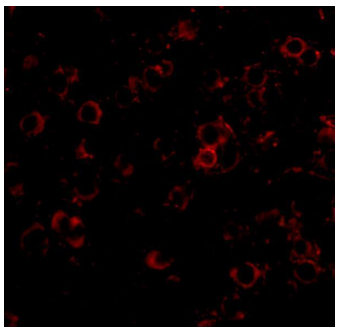
Anti-LRFN2 Antibody (A11623) Images



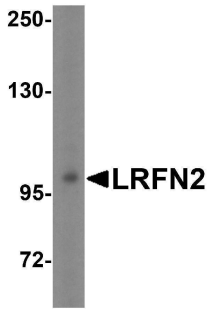
Western blot analysis of LRFN2 in rat brain lysate with LRFN2 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of LRFN2 in mouse brain tissue with LRFN2 antibody at 2.5 ug/mL.



Immunofluorescence of LRFN2 in mouse brain tissue with LRFN2 antibody at 20 ug/mL.



Western blot analysis of LRFN2 expression in mouse brain tissue lysate with LRFN2 antibody at 1 ug/ml.

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