BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-LRFN4 Antibody

Catalog Number: A12062

About LRFN4

LRFN4 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. At least two isoforms of LRFN4 are known to exist.

Submit a product review to Biocompare.com



Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-LRFN4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-LRFN4 Antibody (Catalog # A12062). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	LRFN4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	LRFN4 antibody can be stored at 4°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	Q6PJG9

Technical Details

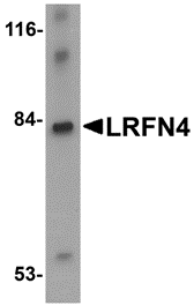
Immunogen	LRFN4 antibody was raised against a 14amino acid synthetic peptide near the carboxy terminus of human LRFN4. The immunogen is located within amino acids 550 - 600 of LRFN4.
Predicted Reactive Species	Bovine

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

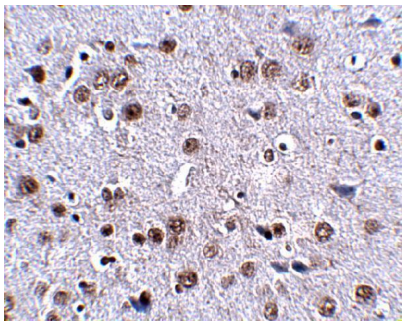
Cross Reactivity	This antibody is predicted to not cross-react with other members of the LRFN family.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	LRFN4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	LRFN4 antibody can be used for detection of LRFN4 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 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.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

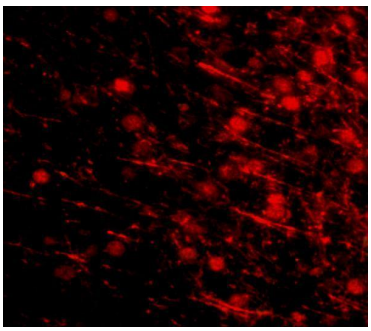
Anti-LRFN4 Antibody (A12062) Images



Western blot analysis of LRFN4 in rat brain lysate with LRFN4 antibody at 1 ug/mL.



Immunohistochemistry of LRFN4 in mouse brain tissue with LRFN4 antibody at 2.5 ug/mL.



Immunofluorescence of LRFN4 in mouse brain tissue with LRFN4 antibody at 20 ug/mL.

Anti-LRFN4 Antibody

For Research Use Only. Not for use in diagnostic procedures.