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## anti-LRFN4 antibody (C-Term)



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Quantity:	0.1 mg
Target:	LRFN4
Binding Specificity:	AA 550-600, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRFN4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

## **Product 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.
Isotype:	IgG
Specificity:	This antibody is predicted to not cross-react with other members of the LRFN family.
Purification:	LRFN4 Antibody is affinity chromatography purified via peptide column.

## **Target Details**

Target:	LRFN4
Alternative Name:	LRFN4 (LRFN4 Products)

## Target Details

Background:
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LRFN4 Antibody: 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.

Gene ID:

78999

UniProt:

Q6PJG9

### **Application Details**

**Application Notes:** 

LRFN4 antibody can be used for detection of LRFN4 by Western blot at 1  $\mu$ ,g/mL. Antibody can also be used for immunohistochemistry starting at 2.5  $\mu$ ,g/mL. For immunofluorescence start at 20  $\mu$ ,g/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.

Restrictions:

For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	LRFN4 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	LRFN4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.