

## Datasheet for ABIN6991077 anti-LRFN3 antibody (AA 380-430)



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### Overview

Quantity:	0.1 mg
Target:	LRFN3
Binding Specificity:	AA 380-430
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRFN3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product Details

Immunogen:	LRFN3 antibody was raised against a 16 amino acid synthetic peptide near the center of human LRFN3. The immunogen is located within amino acids 380 - 430 of LRFN3.
Isotype:	IgG
Specificity:	This antibody is predicted to not cross-react with other members of the LRFN family.
Purification:	LRFN3 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	LRFN3
Alternative Name:	LRFN3 ( <a href="#">LRFN3 Products</a> )

## Target Details

Background:	LRFN3 Antibody: LRFN3 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 Lrnf2 and Lrnf5 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 Lrnf proteins play a role in the developing and/or mature vertebrate nervous system.
Gene ID:	79414
NCBI Accession:	<a href="#">NP_078785</a>
UniProt:	<a href="#">Q9BTN0</a>
Pathways:	<a href="#">Synaptic Membrane</a>

## Application Details

Application Notes:	<p>LRFN3 antibody can be used for detection of LRFN3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.</p> <p>Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	LRFN3 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:	LRFN3 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.