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## Datasheet for ABIN6991082 **anti-LRFN5 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	LRFN5
Binding Specificity:	AA 650-700, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRFN5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	LRFN5 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human LRFN5. The immunogen is located within amino acids 650 - 700 of LRFN5.
Isotype:	IgG
Specificity:	At least two isoforms of LRFN5 are known to exist. This antibody is predicted to not cross-react with other members of the LRFN family.
Purification:	LRFN5 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	LRFN5
Alternative Name:	LRFN5 ( <a href="#">LRFN5 Products</a> )

## Target Details

**Background:** LRFN5 Antibody: LRFN5 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 Lrfr proteins play a role in the developing and/or mature vertebrate nervous system.

**Gene ID:** 145581

**UniProt:** [Q96NI6](#)

## Application Details

**Application Notes:** LRFN5 antibody can be used for detection of LRFN5 by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.

Antibody validated: Western Blot in mouse samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** LRFN5 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:** LRFN5 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.