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Datasheet for ABIN1386705
anti-LRFN1 antibody (AA 181-290)

Overview

Quantity:	100 µL
Target:	LRFN1
Binding Specificity:	AA 181-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRFN1 antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LRFN1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig
Purification:	Purified by Protein A.

Target Details

Target:	LRFN1
Alternative Name:	LRFN1 (LRFN1 Products)

Target Details

Background: Synonyms: Leucine rich repeat and fibronectin type III domain containing 1, Leucine rich repeat and fibronectin type III domain containing protein 1, Leucine-rich repeat and fibronectin type III domain-containing protein 1, LRFN 1, Lrfn1, LRFN1_HUMAN, SALM 2, SALM2, Synaptic adhesion like molecule 2, Synaptic adhesion-like molecule 2.

Background: LRFN1 is a 771 amino acid single-pass type I membrane protein that belongs to the LRFN family. Containing a fibronectin type-III domain, an Ig-like (immunoglobulin-like) domain, a LRRCT domain, a LRRNT domain and seven LRR (leucine-rich) repeats, LRFN1 is thought to promote neurite outgrowth in hippocampal neurons and is involved in the regulation and maintenance of excitatory synapses. LRFN1 forms heteromeric complexes with LRFN2, LRFN3, LRFN4 and LRFN5, but does not have the ability to form homomeric complexes across cell junctions of adjacent cells like other LRFN family members. The PDZ-binding motif of LRFN1 is required for neurite outgrowth promotion and for SAP 97-, NE-dlg- and PSD-95-binding. LRFN1 is encoded by a gene located on human chromosome 19q13.2 and mouse chromosome 7 A3.

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months