Datasheet for ABIN1413293 anti-LRFN1 antibody (AA 181-290) (Cy5.5)

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Quantity:	100 µL
Target:	LRFN1
Binding Specificity:	AA 181-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRFN1 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## 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)
Background:	Synonyms: Leucine rich repeat and fibronectin type III domain containing 1, Leucine rich repeat

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and fibronectin type III domain containing protein 1, Leucine-rich repeat and fibronectin ty	oe III
domain-containing protein 1, LRFN 1, Irfn1, 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	s 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 i	S
thought to promote neurite outgrowth in hippocampal neurons and is involved in the regul	ation
and maintenance of excitatory synapses. LRFN1 forms heteromeric complexes with LRFN	√2,
LRFN3, LFRN4 and LFRN5, but does not have the ability to form homomeric complexes a	cross
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 mous	<del>Ĵ</del>
chromosome 7 A3.	

Pathways:

Synaptic Membrane

## Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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