

[Go to Product page](#)

Datasheet for ABIN5006285

anti-LRFN2 antibody (AA 401-500) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	LRFN2
Binding Specificity:	AA 401-500
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRFN2 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LRFN2/SALM1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	LRFN2
Alternative Name:	LRFN2/SALM1 (LRFN2 Products)

Target Details

Background:	<p>Synonyms: leucine rich repeat and fibronectin type III domain containing 2, RP11-535K1.2, fibronectin type III, immunoglobulin and leucine rich repeat domains 2 antibody FIGLER2, Leucine-rich repeat and fibronectin type-III domain-containing protein 2, LRFN2, LRFN2_HUMAN, SALM1, Synaptic adhesion-like molecule 1.</p> <p>Background: LRFN2 is a 789 amino acid single-pass type I membrane protein belonging to the LRFN family. Encoded by a gene that maps to human chromosome 6p21.2, LRFN2 is moderately expressed in brain, spleen and testis. LRFN2 contains one fibronectin type-III domain, one Ig-like (immunoglobulin-like) domain and six LRR (leucine-rich) repeats. LRFN2 promotes neurite outgrowth in hippocampal neurons, enhances cell surface expression of two NMDA receptor subunits, NMDA1 and NMDA?1, and may play a role in redistributing PSD-95 to cell periphery. LRFN2 forms heteromeric complexes with LRFN1, LRFN3, LRFN4 and LRFN5, and is capable of forming homomeric complexes, but not across cell junctions.</p>
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Pathways:	Synaptic Membrane
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Application Details

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