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Datasheet for ABIN1386407 anti-LRFN2 antibody (AA 401-500)

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#### Overview

| Quantity:            | 100 μL  |
|----------------------|---|
| Target:              | LRFN2   |
| Binding Specificity: | AA 401-500  |
| Reactivity:          | Rat   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This LRFN2 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC) |

### **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

# **Target Details**

| Alternative Name:   | LRFN2/SALM1 (LRFN2 Products)   |
|---------------------|--|
| Background:         | 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.                                     |
|                     | 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.              |
| Pathways:           | Synaptic Membrane  |
| Application Details |  |
| Application Notes:  | WB 1:300-5000  |
|                     | 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        |
|                     |  |

# Handling

|                  | handled by trained staff only.  |
|------------------|---|
| 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   |