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Datasheet for ABIN1407086
anti-LRFN2 antibody (AA 401-500) (HRP)

Overview

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

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: 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
IHC-P 1:200-400
IHC-F 1:100-500

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months