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Datasheet for ABIN1393824

anti-LIN7C antibody (AA 86-197) (Alexa Fluor 647)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | LIN7C |
| Binding Specificity: | AA 86-197 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LIN7C antibody is conjugated to Alexa Fluor 647 |
| 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 LIN7C |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Zebrafish |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | LIN7C |
| Alternative Name: | LIN7C (LIN7C Products) |
| Background: | Synonyms: LIN 7 C, Lin 7 homolog C C. elegans, LIN 7 protein 3, LIN 7C, LIN7 protein 3, MALS 3, |

Target Details

MALS3, Mammalian lin seven protein 3, Veli 3 protein, VELI3, Vertebrate lin 7 homolog 3, LIN7C_HUMAN.

Background: Velis are a family of small synaptic proteins that interact with other proteins at the post-synaptic density (PSD) of neuronal synapses. Velis contain the PDZ motif involved in recruiting cell adhesion molecules, receptors, and channels. Veli1 (also designated Lin-7A and MALS-1), Veli2 (also designated Lin-7B and MALS-2), and Veli3 (also designated Lin-7C and MALS-3) are mammalian homologs of *C. elegans* LIN-7. Veli proteins are ubiquitously expressed with high expression in brain, liver, and testis. Velis are localized at the synaptic junctions in neurons. Velis bind to CASK, a neuroligin-binding protein highly concentrated in synapses, and Mint1, a binding partner with a vesicle trafficking protein.

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