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## Datasheet for ABIN7115885 **anti-LIN7B antibody**

### Overview

|              |                                      |
|--------------|--------------------------------------|
| Quantity:    | 100 µg                               |
| Target:      | LIN7B                                |
| Reactivity:  | Human, Mouse, Rat                    |
| Host:        | Rabbit                               |
| Clonality:   | Polyclonal                           |
| Conjugate:   | This LIN7B antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA         |

### Product Details

|               |                                 |
|---------------|---------------------------------|
| Immunogen:    | lin-7 homolog B(C. elegans)     |
| Isotype:      | IgG                             |
| Purification: | Immunogen affinity purified     |
| Purity:       | ≥95 % as determined by SDS-PAGE |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | LIN7B  |
| Alternative Name: | LIN7B ( <a href="#">LIN7B Products</a> )   |
| Background:       | Synonyms: MALS2, VELI2 Background: Plays a role in establishing and maintaining the asymmetric distribution of channels and receptors at the plasma membrane of polarized cells. Forms membrane-associated multiprotein complexes that may regulate delivery and recycling of proteins to the correct membrane domains. The tripartite complex composed of LIN7(LIN7A, |

## Target Details

LIN7B or LIN7C), CASK and APBA1 may have the potential to couple synaptic vesicle exocytosis to cell adhesion in brain. Ensures the proper localization of GRIN2B(subunit 2B of the NMDA receptor) to neuronal postsynaptic density and may function in localizing synaptic vesicles at synapses where it is recruited by beta-catenin and cadherin. Required to localize Kir2 channels, GABA transporter(SLC6A12) and EGFR/ERBB1, ERBB2, ERBB3 and ERBB4 to the basolateral membrane of epithelial cells. May increase the amplitude of ASIC3 acid-evoked currents by stabilizing the channel at the cell surface(By similarity).

Molecular Weight: 23kd

Gene ID: 64130

UniProt: [Q9HAP6](#)

Pathways: [Synaptic Membrane](#)

## Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months