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## Datasheet for ABIN7468549 **anti-LIN7A antibody**

### Overview

Quantity:	100 µL
Target:	LIN7A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LIN7A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human LIN7A. The exact sequence is proprietary.
Clone:	GT377
Isotype:	IgG2b
Cross-Reactivity:	Human
Purification:	Affinity purified by Protein G.

### Target Details

Target:	LIN7A
Alternative Name:	lin-7 homolog A, crumbs cell polarity complex component ( <a href="#">LIN7A Products</a> )
Background:	Synonyms: lin-7 homolog A, crumbs cell polarity complex component , LIN-7A , LIN7 , MALS-1 ,

## Target Details

MALS1 , TIP-33 , VELI1

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, 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.

Molecular Weight: 26 kDa

Gene ID: 8825

UniProt: [O14910](#)

Pathways: [Synaptic Membrane](#)

## Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: MCF-7 , MDA-MB-231

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, No Preservative

Preservative: Without preservative

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.