

## LIN7A antibody

### Product Information

Catalog No.:	FNab04788
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### 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.

### Immunogen information

Immunogen:	lin-7 homolog A(C. elegans)
Synonyms:	Protein lin-7 homolog A (Lin-7A, hLin-7) Mammalian lin-seven protein 1 (MAL-1) Tax interaction protein 33 (TIP-33) Vertebrate lin-7 homolog 1 (Veli-1) LIN7A MALS1 VELI1
Observed MW:	28-30 kDa
Uniprot ID :	O14910

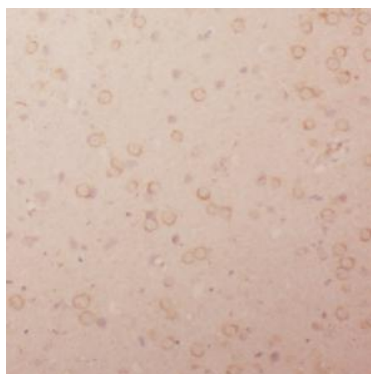
### Application

Reactivity:	Human, Mouse, Rat
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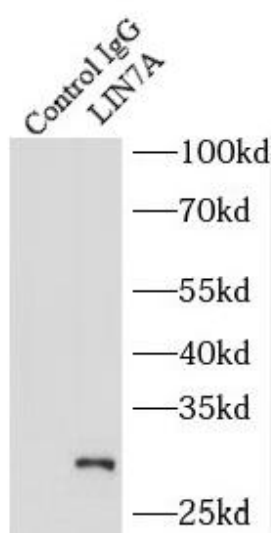
Tested Application: ELISA, WB, IP, IHC

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

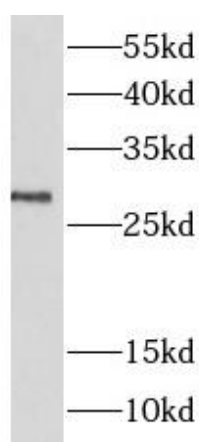
Image:



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using FNab04788(LIN7A Antibody) at dilution of 1:50



IP Result of anti-LIN7A (IP:FNab04788, 3ug; Detection:FNab04788 1:1000) with mouse brain tissue lysate 4000ug.



rat brain tissue were subjected to SDS PAGE followed by western blot with FNab04788(LIN7A Antibody) at dilution of 1:1000