

GRIN2D Polyclonal Antibody
Catalog # AP74331**Specification**

GRIN2D Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O15399
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

GRIN2D Polyclonal Antibody - Additional Information**Gene ID** 2906**Other Names**

Glutamate [NMDA] receptor subunit epsilon-4 (EB11) (N-methyl D-aspartate receptor subtype 2D) (NMDAR2D) (NR2D)

Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

GRIN2D Polyclonal Antibody - Protein Information**Name** GRIN2D**Synonyms** GluN2D, NMDAR2D**Function**

Component of NMDA receptor complexes that function as heterotetrameric, ligand-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Channel activation requires binding of the neurotransmitter glutamate to the epsilon subunit, glycine binding to the zeta subunit, plus membrane depolarization to eliminate channel inhibition by Mg(2+) (PubMed:9489750, PubMed:27616483, PubMed:26875626, PubMed:28126851). Sensitivity to glutamate and channel kinetics depend on the subunit composition (PubMed:9489750).

Cellular Location

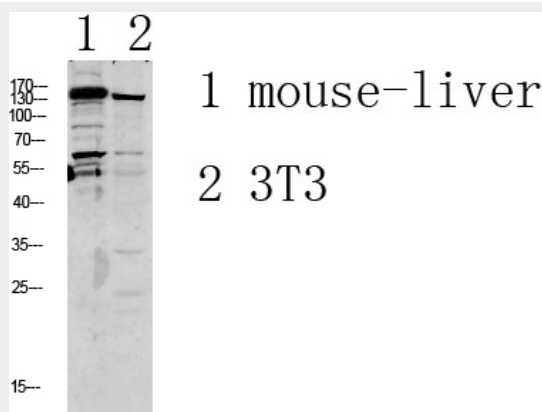
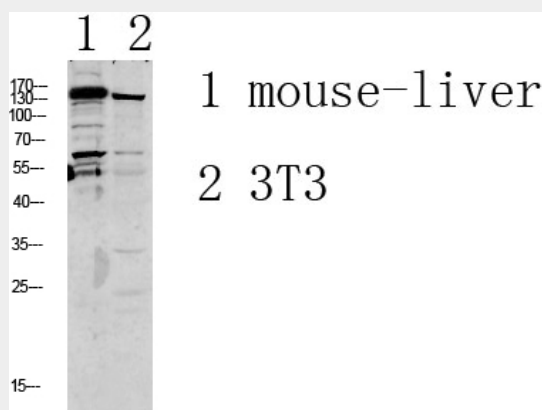
Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein

GRIN2D Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GRIN2D Polyclonal Antibody - Images



GRIN2D Polyclonal Antibody - Background

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