GRIN2B Polyclonal Antibody

Catalog No. E-AB-70263

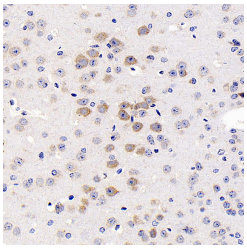
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

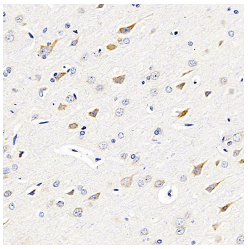
Reactivity	Mouse,Rat
Immunogen	Recombinant protein corresponding to Mouse NMDAR2B
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
IHC	1:200-1:800

Data



Immunohistochemistry analysis of paraffin-embedded mouse brain using GRIN2B Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffin-embedded rat brain using GRIN2B Polyclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors.NMDA receptor channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning.NMDA receptor channels are heteromers composed of three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B).The NR2 subunit acts as the agonist binding site for glutamate.This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain.

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