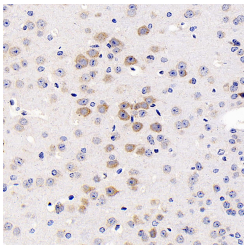
Tel:240-252-7368(USA)
Fax: 240-252-7376(USA)
techsupport@elabscience.com
Website: www.elabscience.com

GRIN2B Polyclonal Antibody

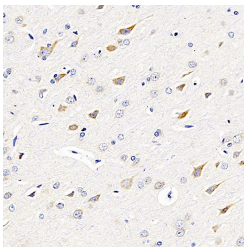
Catalog No.	E-AB-70263	**Reactivity**	M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	IHC	**Isotype**	IgG

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

Images



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.

Immunogen Information

Immunogen	Recombinant protein corresponding to Mouse NMDAR2B
Swissprot	Q01097,Q00960
Synonyms	GRIN2B, GluN2B, MRD6, NMDAR2B, NR2B, hNR3, EIEE27

Product Information

Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	IHC 1:200-1:800

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.