

## GRIA4 antibody

### Product Information

Catalog No.:	FNab03646
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

Receptor for glutamate that functions as ligand-gated ion channel in the central nervous system and plays an important role in excitatory synaptic transmission. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. In the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is characterized by a delayed accumulation of current flux upon continued application of glutamate.

### Immunogen information

Immunogen:	glutamate receptor, ionotropic, AMPA 4
Synonyms:	Glutamate receptor 4 (GluR-4, GluR4) AMPA-selective glutamate receptor 4 GluR-D Glutamate receptor ionotropic, AMPA 4 (GluA4) GRIA4 GLUR4
Observed MW:	101 kDa
Uniprot ID :	P48058

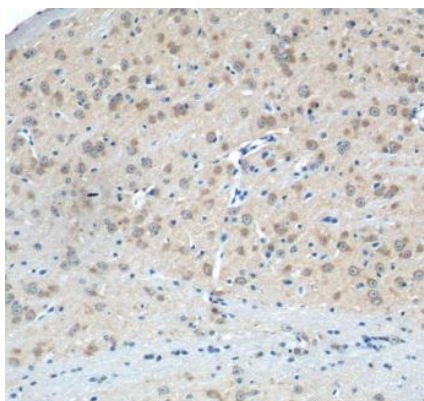
### Application

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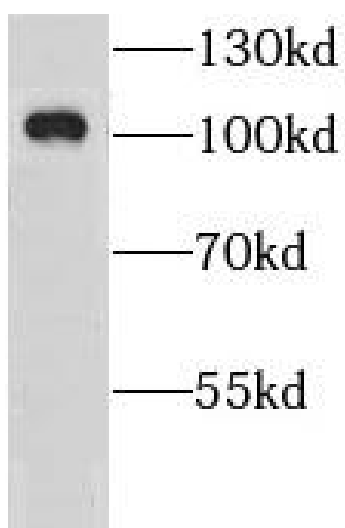
Tested Application: ELISA, WB, IHC

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

Image:



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using FNab03646(GRIA4 Antibody) at dilution of 1:50



rat brain tissue were subjected to SDS PAGE followed by western blot with FNab03646(GRIA4 Antibody) at dilution of 1:600