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## anti-GRIA4 antibody





Go to Product page

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Quantity:	200 μL
Target:	GRIA4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIA4 antibody is un-conjugated
Application:	Western Blotting (WB)

#### **Product Details**

Immunogen:	Recombinant fusion protein of human GRIA4 (NP_001070712.1).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### **Target Details**

Target:	GRIA4
Alternative Name:	GRIA4 (GRIA4 Products)
Background:	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the
	mammalian brain and are activated in a variety of normal neurophysiologic processes. These
	receptors are heteromeric protein complexes composed of multiple subunits, arranged to form
	ligand-gated ion channels. The classification of glutamate receptors is based on their activation

## **Target Details**

	by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of
	AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors,
	and is subject to RNA editing (AGA->GGA, R->G). Alternative splicing of this gene results in
	transcript variants encoding different isoforms, which may vary in their signal transduction
	properties. Some haplotypes of this gene show a positive association with schizophrenia.
Molecular Weight:	Observed_MW: 101 kDa
	Calculated_MW: 49 kDa/100 kDa
Gene ID:	2893

# Pathways:

UniProt:

PI3K-Akt Signaling

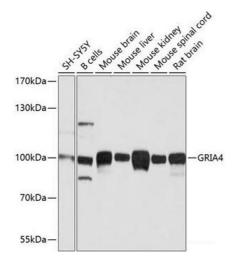
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## **Application Details**

Application Notes:	WB 1:1000-1:4000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts of various cell lines using GRIA4 Polyclonal Antibody at dilution of 1:1000.