

## Anti-GRIA4 antibody

<b>Cat. No.</b>	ml264266
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-GRIA4 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide of human GRIA4
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	1.8 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	GRIA4
<b>Full name</b>	glutamate ionotropic receptor AMPA type subunit 4
<b>Synonyms</b>	GLUR4; GLURD; GluA4; GLUR4C
<b>Swissprot</b>	P48058

### Target 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 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.

订购热线: 4008-898-798

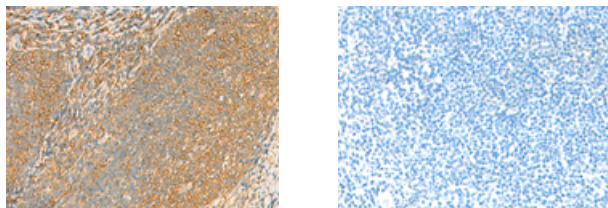
## Applications

### Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human tonsil

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml264266(GRIA4 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### ELISA

Recommended dilution: 5000-10000

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