

## Anti-GRIK3 antibody

<b>Cat. No.</b>	ml164127
<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-GRIK3 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human GRIK3
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	1.26 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>	GRIK3
<b>Full name</b>	glutamate ionotropic receptor kainate type subunit 3
<b>Synonyms</b>	EAA5; GLR7; GLUR7; GluK3; GluR7a
<b>Swissprot</b>	Q13003

### Target Background

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. It is not certain if the subunit encoded by this gene is subject to RNA editing as the other 2 family members (GRIK1 and GRIK2). A Ser310Ala polymorphism has been associated with schizophrenia, and there are conflicting reports of its association with the pathogenesis of delirium tremens in alcoholics.

订购热线: 4008-898-798

## Applications

### Western blotting

Predicted band size: 104 kDa

Positive control: Human fetal brain tissue and Human cerebrum tissue lysates

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

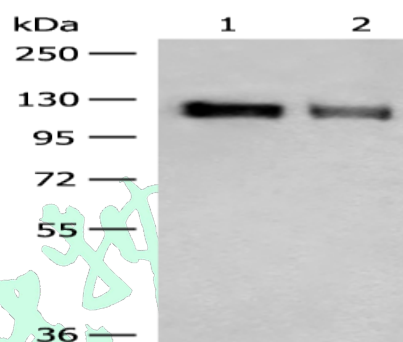
Lysate: 40  $\mu$ g

Lane 1-2: Human fetal brain tissue and Human cerebrum tissue lysates

Primary antibody: ml164127(GRIK3 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes



### ELISA

Recommended dilution: 5000-10000

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