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Datasheet for ABIN7153976  
**anti-GRIK2 antibody (AA 203-500) (HRP)**

### Overview

Quantity:	100 µL
Target:	GRIK2
Binding Specificity:	AA 203-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIK2 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Glutamate receptor ionotropic, kainate 2 protein (203-500AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

### Target Details

Target:	GRIK2
Alternative Name:	GRIK2 ( <a href="#">GRIK2 Products</a> )
Background:	Background: Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-

## Target Details

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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 (PubMed:28180184). May be involved in the transmission of light information from the retina to the hypothalamus. Modulates cell surface expression of NETO2 (By similarity).

Aliases: bA487F5.1 antibody, EAA4 antibody, Excitatory amino acid receptor 4 antibody, GLR 6 antibody, GLR6 antibody, GluK2 antibody, GLUK6 antibody, GLUR 6 antibody, GluR-6 antibody, GluR6 antibody, Glutamate receptor 6 antibody, Glutamate receptor antibody, glutamate receptor form A antibody, glutamate receptor form B antibody, glutamate receptor form C antibody, glutamate receptor form D antibody, glutamate receptor form E antibody, Glutamate receptor ionotropic kainate 2 antibody, GRIK 2 antibody, GRIK2 antibody, GRIK2 protein antibody, GRIK2\_HUMAN antibody, ionotropic kainate 2 antibody, MRT6 antibody

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UniProt: [Q13002](#)

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Pathways: [Synaptic Membrane](#), [Regulation of long-term Neuronal Synaptic Plasticity](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.