

Datasheet for ABIN7153965
anti-GRIA4 antibody (AA 733-883)

2 Images

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Overview

Quantity:	100 µg
Target:	GRIA4
Binding Specificity:	AA 733-883
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIA4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Glutamate receptor 4 protein (733-883AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GRIA4
Alternative Name:	GRIA4 (GRIA4 Products)
Background:	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

Target Details

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.

Aliases: AMPA 4 antibody, AMPA selective glutamate receptor 4 antibody, AMPA-selective glutamate receptor 4 antibody, AMPA4 antibody, GluA 4 antibody, GluA4 antibody, GluR 4 antibody, GluR D antibody, GluR-4 antibody, GluR-D antibody, GluR4 antibody, GLUR4C antibody, GLURD antibody, Glutamate receptor 4 antibody, Glutamate receptor ionotropic AMPA 4 antibody, Glutamate receptor ionotropic antibody, GRIA 4 antibody, Gria4 antibody, GRIA4_HUMAN antibody, Ionotropic Glutamate receptor 4 antibody

UniProt: [P48058](#)

Pathways: [PI3K-Akt Signaling](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

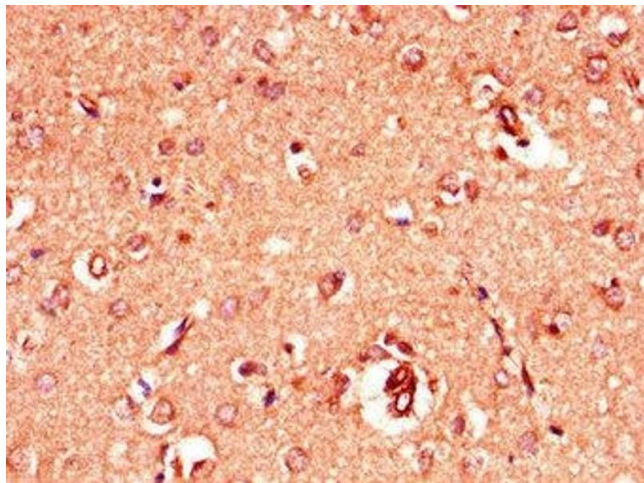
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

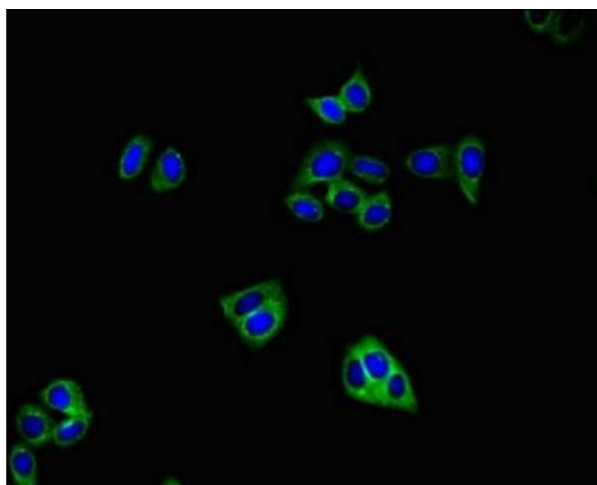
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7153965 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of HepG2 cells using ABIN7153965 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)