.-online.com antibodies

Datasheet for ABIN969177 anti-Glutamate Receptor 3 antibody

3 Images	S
----------	---

2 Publications



Overview

Quantity:	100 μL
Target:	Glutamate Receptor 3 (GRIA3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Glutamate Receptor 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

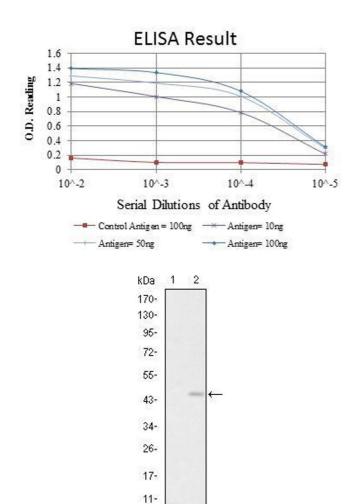
Immunogen:	Purified recombinant fragment of human GRIA3 expressed in E. coli.
Clone:	1D2
lsotype:	lgG1
Purification:	purified

Target Details

Target:	Glutamate Receptor 3 (GRIA3)
Alternative Name:	GRIA3 (GRIA3 Products)
Background:	Description: 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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN969177 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

	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 at this locus results in different isoforms, which may vary in their signal transduction properties. Aliases: GLUR3, GLURC, GluA3, MRX94, GLUR-C, GLUR-K3
Molecular Weight:	101 kDa
Gene ID:	2892
HGNC:	2892
Pathways:	PI3K-Akt Signaling, cAMP Metabolic Process, Synaptic Membrane
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
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:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage
Publications	
Product cited in:	Wang, Wu, Zhou, Guo, Zheng, Wang, Bi, Liu, Zhou, Guo, Sha: "Mapping of the N-linked glycoproteome of human spermatozoa." in: Journal of proteome research , Vol. 12, Issue 12, pp. 5750-9, (2013) (PubMed).

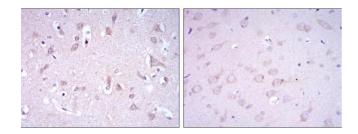


ELISA

Image 1. Red: Control Antigen (100 ng), Purple: Antigen (10 ng), Green: Antigen (50 ng), Blue: Antigen (100 ng),

Western Blotting

Image 2. Western blot analysis using GRIA3 mAb against HEK293 (1) and GRIA3(AA: 683-824)-hlgGFc transfected HEK293 (2) cell lysate.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffinembedded human brain tissues (left) and rat brain tissues (right) using GRIA3 mouse mAb with DAB staining.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN969177 | 09/12/2023 | Copyright antibodies-online. All rights reserved.