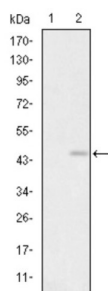
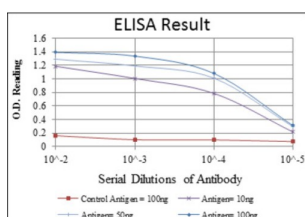


Glutamate Receptor, Ionotropic, AMPA 3 (GRIA3) Antibody

Catalogue No.: abx010850



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



Immunohistochemical analysis of paraffin-embedded human brain tissues (left) and rat brain tissues (right) using GRIA3 antibody with DAB staining.

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 at this locus results in different isoforms, which may vary in their signal transduction properties.

Target: Glutamate Receptor, Ionotropic, AMPA 3 (GRIA3)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IHC

Host: Mouse

Recommended dilutions: ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human GRIA3 expressed in E. coli.

Isotype: IgG₁

Datasheet

Version: 3.0.0

Revision date: 02 Apr 2025



Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P42263 (UniProt , ExPASy)
Gene Symbol:	GRIA3
GeneID:	2892
OMIM:	300699
HGNC:	4573
KEGG:	hsa:2892
Ensembl:	ENSG00000125675
String:	9606.ENSP00000481554
Molecular Weight:	101 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.