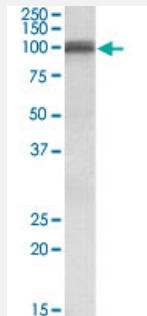


GRIA1 polyclonal antibody

Catalog # PAB19480 Size 100 ug

Applications



Western Blot (Tissue lysate)

GRIA1 polyclonal antibody (Cat # PAB19480)(0.1 ug/mL) staining of human cerebellum (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of GRIA1.
Immunogen	A synthetic peptide corresponding to internal region of human GRIA1.
Sequence	C-KIMQQWKNSDARD
Host	Goat
Theoretical MW (kDa)	102
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Ammonium sulfate precipitation
Recommend Usage	ELISA (1:1600) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

GRIA1 polyclonal antibody (Cat # PAB19480)(0.1 ug/mL) staining of human cerebellum (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GRIA1

Entrez GeneID[2890](#)**Protein Accession#**[NP_000818.2;NP_001107655.1](#)**Gene Name**

GRIA1

Gene Alias

GLUH1, GLUR1, GLURA, HBGR1, MGC133252

Gene Description

glutamate receptor, ionotropic, AMPA 1

Omim ID[138248](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 with multiple subunits, each possessing transmembrane regions, and all arranged to form a ligand-gated ion channel. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. This gene belongs to a family of alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

AMPA 1

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

- [Long-term depression](#)
- [Long-term potentiation](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cognition](#)
- [Drug Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Precursor T-Cell Lymphoblastic Leukemia-Lymphoma](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sexual Dysfunction](#)
- [Sexual Dysfunctions](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)