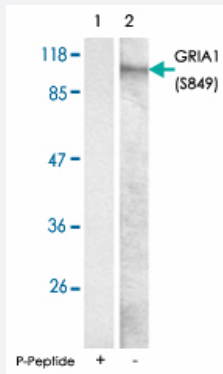


GRIA1 (phospho S849) polyclonal antibody

Catalog # PAB25848 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of extracts from mouse brain tissue using GRIA1 (phospho S849) polyclonal antibody (Cat # PAB25848).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of GRIA1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S849 of human GRIA1.
Sequence	Q-Q-Sp-I-N
Host	Rabbit
Theoretical MW (kDa)	110
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 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)

Western blot analysis of extracts from mouse brain tissue using GRIA1 (phospho S849) polyclonal antibody (Cat # PAB25848).

Gene Info — GRIA1

Entrez GeneID	2890
Protein Accession#	P42261
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](#)