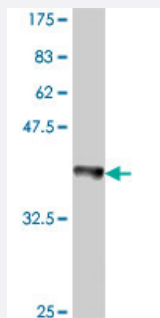


GRIK4 polyclonal antibody (A01)

Catalog # H00002900-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GRIK4.
Immunogen	GRIK4 (NP_055434, 21 a.a. ~ 130 a.a) partial recombinant protein with GST tag.
Sequence	SPHSLRIAAILDDPMECSRGERLSITLAKNRINRAPERLGKAKVEVDIFELLRDSEYETAETMCQILP KGVVAVLGPSSSPASSSIISNICGEKEVPFHKVAPEEFVKFQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GRIK4

Entrez GeneID [2900](#)

GeneBank Accession# [NM_014619](#)

Protein Accession# [NP_055434](#)

Gene Name GRIK4

Gene Alias EAA1, GRIK, KA1

Gene Description glutamate receptor, ionotropic, kainate 4

Omim ID [600282](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. [provided by RefSeq]

Other Designations excitatory amino acid receptor 1|glutamate receptor KA1

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Bipolar Disorder](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)

- [Mental Disorders](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)