

Grik2 Antibody

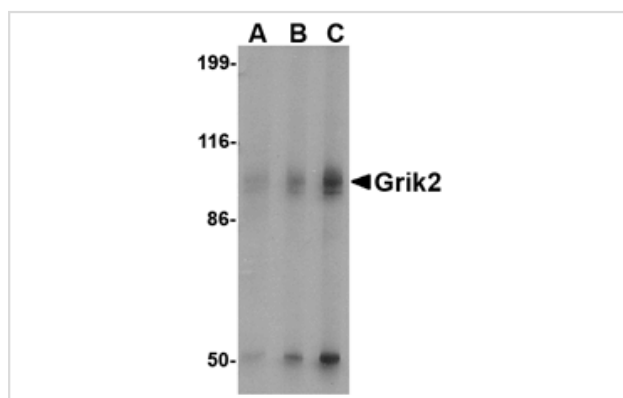
Catalog No: #24602

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Grik2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 13 amino acid peptide near the carboxy terminus of the human Grik2.
Target Name	Grik2
Other Names	Glutamate receptor ionotropic kainate 2, glutamate receptor 6, gluR6, excitatory amino acid receptor 4, eea4
Accession No.	Q13002
Uniprot	Q13002
GeneID	2898;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of Grik2 in human brain tissue lysate with Grik2 antibody at (A) 0.5 and (B) 1 ug/mL.

Background

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. Grik2, also known as glutamate receptor 6, belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. Recent reports have suggested that defects in the Grik2 protein may be associated with autosomal recessive mental retardation and possibly other neurological disorders such as schizophrenia. Numerous isoforms of Grik2 are known to exist and may be subject to RNA editing within the second transmembrane domain, which is thought to alter the properties of ion flow. This Grik2 antibody may exhibit some cross-reactivity to Grik3.

Note: This product is for in vitro research use only