

GRIK2 Antibody

Catalog No: #32509

Package Size: #32509-1 50ul #32509-2 100ul

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Support: tech@signalwayantibody.com

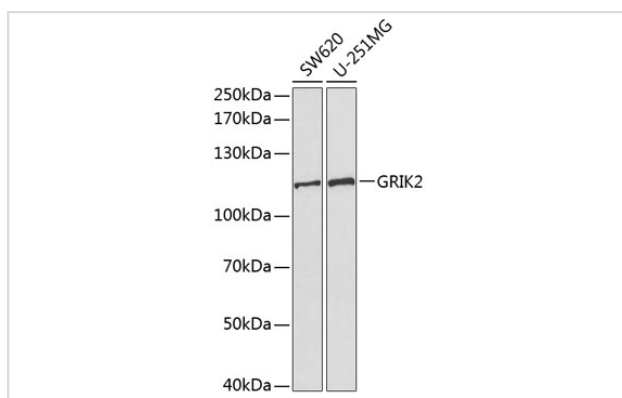
Description

Product Name	GRIK2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total GRIK2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human GRIK2 (NP_068775.1).
Target Name	GRIK2
Other Names	GRIK2;EAA4;GLR6;GLUK6;GLUR6;GluK2;MRT6;kainate 2
Accession No.	Uniprot:Q13002GeneID:2898
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GeneID	2898
SDS-PAGE MW	115kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using GRIK2 antibody.

Background

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. The subunit encoded by this gene is subject to RNA editing at multiple sites within the first and second transmembrane domains, which is thought to alter the structure and function of the receptor complex. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. Mutations in this gene have been associated with autosomal recessive mental retardation.

Note: This product is for in vitro research use only