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Datasheet for ABIN7267416
anti-GRIK5 antibody (AA 350-420)

1 Image

Overview

Quantity:	100 µL
Target:	GRIK5
Binding Specificity:	AA 350-420
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIK5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	GRIK5 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 350-420 of human GRIK5 (NP_002079.3).
Sequence:	LRMVEYDGLT GRVEFNKSGQ RTNYTLRILE KSRQGHREIG VWYSNRTLAM NATLTDINLS QTLANKTLV T
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

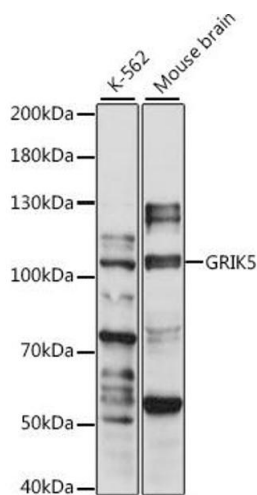
Target:	GRIK5
Alternative Name:	GRIK5 (GRIK5 Products)
Background:	<p>This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G 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. Alternative splicing results in multiple transcript variants.,GRIK5,EAA2,GRIK2,GluK5,KA2,kainate 5,Neuroscience,GRIK5</p>
Molecular Weight:	109kDa
Gene ID:	2901
UniProt:	Q16478
Pathways:	Carbohydrate Homeostasis , Synaptic Membrane , Maintenance of Protein Location , Synaptic Vesicle Exocytosis

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GRIK5 antibody (ABIN7267416) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.