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Datasheet for ABIN2776118 anti-GRIK1 antibody (Middle Region)

Image



Overview

1

Quantity:	100 µL
Target:	GRIK1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Horse, Cow, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse GRIK1
Sequence:	IQTRWKHPSV DNRDLFYINL YPDYAAISRA VLDLVLYYNW KTVTVVYEDS
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against Grik1. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	GRIK1
Alternative Name:	Grik1 (GRIK1 Products)

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Target Details

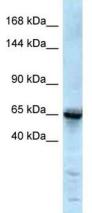
Storage Comment:

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 (CAG->CGG, Q->R) within the second transmembrane domain, which is thought to alter the properties of ion flow. Alternative splicing, resulting in transcript variants encoding different isoforms, has been noted for this gene. Alias Symbols: GluK1, GluK5, Glur5, Glur-5, D16lum24, D16lum24e, Glurbeta1, A830007B11Rik Protein Size: 589	
Molecular Weight:	64 kDa	
Gene ID:	14805	
NCBI Accession:	XM_006522921, XP_006522984	
UniProt:	Q8C825	
Pathways:	Synaptic Membrane, Regulation of long-term Neuronal Synaptic Plasticity	
Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeat freeze-thaw cycles.	
Storage:	-20 °C	

aliquots to prevent freeze-thaw cycles.

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For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small



Host: Rabbit Target Name: Grik1 Sample Tissue: Mouse Thymus Lysate Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: Grik1 Sample Type: Mouse Thymus lysates Antibody Dilution: 1.0ug/ml

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