antibodies.com

Datasheet for ABIN334410 anti-GRIK1 antibody (Internal Region)

2 Images



Overview

Quantity:	100 µg
Target:	GRIK1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GRIK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	GLuR5 / GRIK1
Immunogen:	Peptide with sequence QCKQTHPTNSTS, from the internal region (near the C Terminus) of the protein sequence according to NP_000821.1, NP_783300.1.
Sequence:	QCKQTHPTNS TS
lsotype:	lgG
Specificity:	This antibody is expected to recognise both reported isoforms according to NP_000821.1 and NP_783300.1.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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Product Details

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Verified

Target Details

Target:	GRIK1		
Alternative Name:	GRIK1 (GRIK1 Products)		
Background:	GLUR5, GRIK1, glutamate receptor, ionotropic, kainate 1, EAA3 , EEA3 , GLR5 , excitatory amino acid receptor 3		
Gene ID:	2897, 14805, 29559		
NCBI Accession:	NP_000821, NP_783300		
Pathways:	Synaptic Membrane, Regulation of long-term Neuronal Synaptic Plasticity		
Application Details			
Application Notes:	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75 µg/mL. Western Blot: Approx 150 kDa band observed in Human Brain (Cerebellum and Cerebral Cortex lysates (calculated MW of 104 kDa according to NP_000821.1). The observed molecular weigh corresponds to earlier findings in literature with different antibodies (Peptide ELISA: antibody detection limit dilution 1:8000.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.5 mg/mL		
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.		
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:
 Minimize freezing and thawing.

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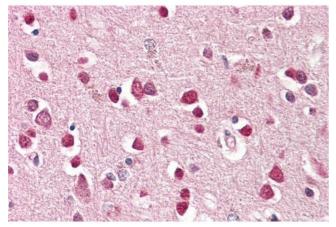
-20 °C

Storage:

Storage Comment:

Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Immunohistochemistry

Image 1. ABIN334410 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Western Blotting

Image 2. ABIN334410 (1µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

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