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Datasheet for ABIN302159

anti-GRIK3 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	GRIK3
Binding Specificity:	Internal Region
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GRIK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GRIK3 / GLUR7
Immunogen:	Peptide with sequence C-KIRQLPIDSDDSRP, from the internal region of the protein sequence according to NP_000822.2.
Sequence:	KIRQLPIDSD DSRP
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	GRIK3
Alternative Name:	GRIK3 (GRIK3 Products)
Background:	GRIK3, GLUR7, glutamate receptor, ionotropic, kainate 3, EAA5, GLR7, GluR7a, dJ1090M5.1 (glutamate receptor, ionotropic, kainate 3 (GLUR7)), excitatory amino acid receptor 5, glutamate receptor 7
Gene ID:	2899, 14807, 298521
NCBI Accession:	NP_000822
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Western Blot: Approx. 110 kDa band observed in Mouse Brain and Rat Brain lysates (calculated MW of 104 kDa according to Human NP_000822.2, and to Rat NP_001106187.1). Recommended concentration: 0.3-1 µg/mL. An additional band of unknown identity was also c Peptide ELISA: antibody detection limit dilution 1:64000.
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.
Storage:	-20 °C
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.

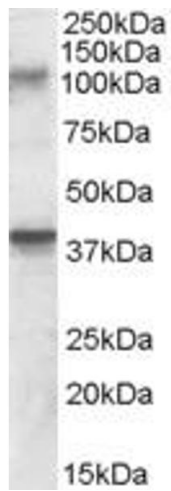


Image 1. ABIN302159(0.3 μ g/ml) staining of Rat Brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.