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Datasheet for ABIN334413 anti-GRIN2D antibody (C-Term)

Overview

Quantity:	100 µg
Target:	GRIN2D
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GRIN2D antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	GRIN2D
Immunogen:	Peptide with sequence C-TRRGS AHFSSLESE, from the C Terminus of the protein sequence according to NP_000827.2.
Sequence:	TRRGS AHFSS LESE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	GRIN2D
Alternative Name:	GRIN2D (GRIN2D Products)
Background:	GRIN2D, glutamate receptor, ionotropic, N-methyl D-aspartate 2D, EB11, NMDAR2D, N-methyl-D-aspartate receptor subunit 2D, estrogen receptor binding CpG island
Gene ID:	2906, 14814, 24412
NCBI Accession:	NP_000827
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx 80 kDa band in Human Brain (Cerebellum) and in Mouse Brain and Rat Brain lysates after 0.02 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band. Peptide ELISA: antibody detection limit dilution 1:32000.
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.