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Datasheet for ABIN656225 anti-GRIN3B antibody (C-Term)

2 Images

1 Publication



Overview

Quantity:	400 µL
Target:	GRIN3B
Binding Specificity:	AA 904-933, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIN3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GRIN3B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 904-933 amino acids from the C-terminal region of human GRIN3B.
Clone:	RB31054
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

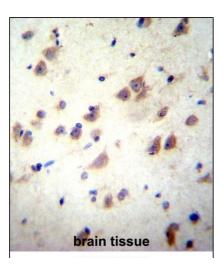
Target:	GRIN3B
Alternative Name:	GRIN3B (GRIN3B Products)
Background:	GRIN3B is a NMDA receptor subtype of glutamate-gated ion channels with reduced single-

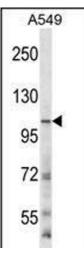
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Target Details

	channel conductance, low calcium permeability and low voltage-dependent sensitivity to
	magnesium. It is mediated by glycine.
Molecular Weight:	112992
Gene ID:	116444
NCBI Accession:	NP_619635
UniProt:	O60391
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	GRIN3B Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months
Publications	
Product cited in:	Muntané, Horvath, Hof, Ely, Hopkins, Raghanti, Lewandowski, Wray, Sherwood: "Analysis of
	synaptic gene expression in the neocortex of primates reveals evolutionary changes in
	glutamatergic neurotransmission." in: Cerebral cortex (New York, N.Y. : 1991), Vol. 25, Issue 6
	pp. 1596-607, (2015) (PubMed).

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. GRIN3B Antibody (C-term) (ABIN656225 and ABIN2845542) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GRIN3B Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. GRIN3B Antibody (C-term) (ABIN656225 and ABIN2845542) western blot analysis in A549 cell line lysates (35 µg/lane).This demonstrates the GRIN3B antibody detected the GRIN3B protein (arrow).

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