

# GRIN2B Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP21859b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q13224</a>
<b>Other Accession</b>	<a href="#">Q01097</a> , <a href="#">Q00960</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Predicted</b>	Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB54089

## Additional Information

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<b>Other Names</b>	Glutamate receptor ionotropic, NMDA 2B, GluN2B, Glutamate [NMDA] receptor subunit epsilon-2, N-methyl D-aspartate receptor subtype 2B, NMDAR2B, NR2B, N-methyl-D-aspartate receptor subunit 3, NR3, hNR3, GRIN2B, NMDAR2B
<b>Target/Specificity</b>	This GRIN2B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1300-1332 amino acids from human GRIN2B.
<b>Dilution</b>	WB~~1:500 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	GRIN2B Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine. In concert with DAPK1 at extrasynaptic sites, acts as a central mediator for stroke damage. Its phosphorylation at Ser-1303 by DAPK1 enhances

synaptic NMDA receptor channel activity inducing injurious Ca<sup>2+</sup> influx through them, resulting in an irreversible neuronal death (By similarity).

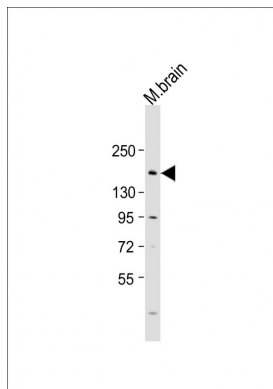
## References

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Hess S.D.,et al.J. Pharmacol. Exp. Ther. 278:808-816(1996).  
Mandich P.,et al.Submitted (FEB-1997) to the EMBL/GenBank/DDBJ databases.  
Mandich P.,et al.Genomics 22:216-218(1994).  
Schito A.M.,et al.Neurosci. Lett. 239:49-53(1997).

## Images

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Anti-GRIN2B Antibody (C-Term) at 1:500 dilution + mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 166 kDa  
Blocking/Dilution buffer: 5% NFDm/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.