

Product datasheet for **TA338511**

NMDAR2C (GRIN2C) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GRIN2C antibody: synthetic peptide directed towards the N terminal of human GRIN2C. Synthetic peptide located within the following region: VNTTNPSSLLTQICGLLGAAHVHGIVFEDNVDTEAVAQILDFISSQTHVP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	136 kDa
Gene Name:	glutamate ionotropic receptor NMDA type subunit 2C
Database Link:	NP_000826 Entrez Gene 2905 Human Q14957



[View online »](#)

Background:

This gene encodes a subunit of the N-methyl-D-aspartate (NMDA) receptor, which is a subtype of ionotropic glutamate receptor. NMDA receptors are found in the central nervous system, are permeable to cations and have an important role in physiological processes such as learning, memory, and synaptic development. The receptor is a tetramer of different subunits (typically heterodimer of subunit 1 with one or more of subunits 2A-D), forming a channel that is permeable to calcium, potassium, and sodium, and whose properties are determined by subunit composition. Alterations in the subunit composition of the receptor are associated with pathophysiological conditions such as Parkinson's disease, Alzheimer's disease, depression, and schizophrenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013]

Synonyms:

GluN2C; NMDAR2C; NR2C

Note:

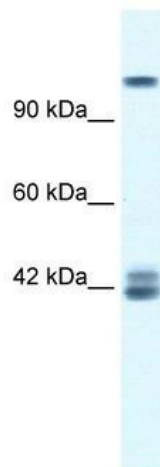
Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Dog: 93%; Pig: 93%; Bovine: 93%; Guinea pig: 93%; Rabbit: 86%; Zebrafish: 79%

Protein Families:

Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane

Protein Pathways:

Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Calcium signaling pathway, Long-term potentiation, Neuroactive ligand-receptor interaction

Product images:

WB Suggested Anti-GRIN2C Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Jurkat cell lysate GRIN2C is supported by BioGPS gene expression data to be expressed in Jurkat