

Product datasheet for **TA323552**

NMDAR2C (GRIN2C) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 100-300 Positive control: Human lung cancer Predicted cell location: Nucleus, Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 1201-1215 amino acids of human glutamate receptor, ionotropic, N-methyl D-aspartate 2C
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	glutamate ionotropic receptor NMDA type subunit 2C
Database Link:	NP_000826 Entrez Gene 2905 Human Q14957
Background:	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA channel has been shown to be involved in long-term potentiation; an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A); NMDAR2B (GRIN2B); NMDAR2C (GRIN2C); and NMDAR2D (GRIN2D).
Synonyms:	GluN2C; NMDAR2C; NR2C

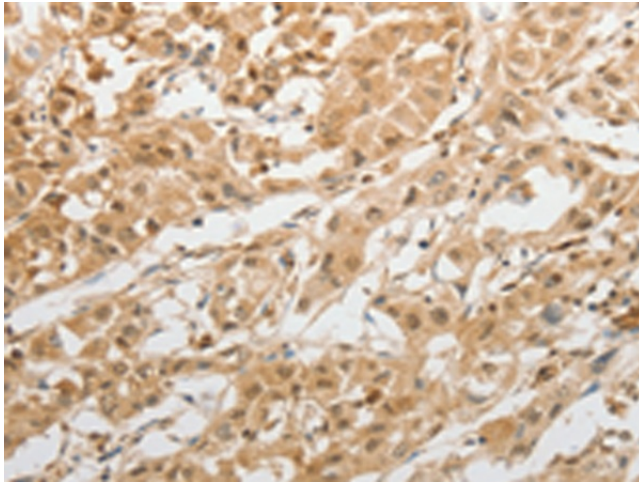


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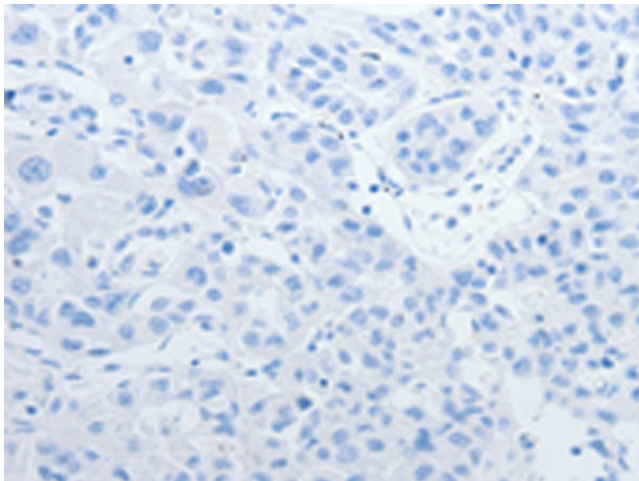
Protein Families: Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane

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

Product images:



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323552 (GRIN2C Antibody) at dilution 1/100 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323552 (GRIN2C Antibody) at dilution 1/100, treated with synthetic peptide. (Original magnification: $\times 200$)