

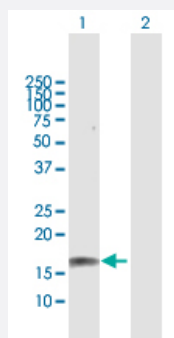
MaxPab®

GRIN2C MaxPab rabbit polyclonal antibody (D01)

Catalog # H00002905-D01

Size 100 uL

Applications

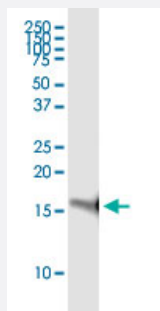


Western Blot (Transfected lysate)

Western Blot analysis of GRIN2C expression in transfected 293T cell line ([H00002905-T02](#)) by GRIN2C MaxPab polyclonal antibody.

Lane 1: GRIN2C transfected lysate(17.6 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of GRIN2C transfected lysate using anti-GRIN2C MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with GRIN2C purified MaxPab mouse polyclonal antibody (B01P) ([H00002905-B01P](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GRIN2C protein.
Immunogen	GRIN2C (AAH59384.1, 1 a.a. ~ 171 a.a) full-length human protein.
Sequence	MGGALGPALLLTSLFGAWAGLGPGQGEQGMTVAVVFSSSGPPQAQFRARLTPQSFLDLPLEIQP LTVGVNTTNPSSLLTQICGLLGAHVHGVFEDNVDTEAVAQILDFISSQTHVPILSISGGSAAVVLTPK VHVQTHVPSCLRPGTRLGSGVLWFWEAGIRRDGQGGGG
Host	Rabbit
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — GRIN2C

Entrez GeneID	2905
GeneBank Accession#	BC059384
Protein Accession#	AAH59384.1
Gene Name	GRIN2C
Gene Alias	NMDAR2C, NR2C
Gene Description	glutamate receptor, ionotropic, N-methyl D-aspartate 2C
Omim ID	138254
Gene Ontology	Hyperlink

Gene Summary

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).

Other Designations

N-methyl-D-aspartate receptor subunit 2C

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Calcium signaling pathway](#)
- [Long-term potentiation](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Bipolar Disorder](#)
- [Cognition](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)