

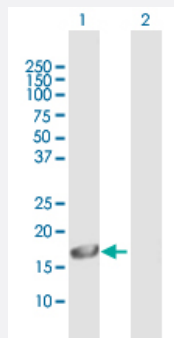
MaxPab®

GRIN2C MaxPab mouse polyclonal antibody (B01)

Catalog # H00002905-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GRIN2C expression in transfected 293T cell line ([H00002905-T01](#)) by GRIN2C MaxPab polyclonal antibody.

Lane 1: GRIN2C transfected lysate(18.81 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GRIN2C protein.
Immunogen	GRIN2C (AAH59384, 1 a.a. ~ 171 a.a) full-length human protein.
Sequence	MGGALGPALLLSLFGAWAGLGPGQGGEQGMTVAVVFSSSGPPQAQFRARLTPQSFLDLPLEIQP LTVGVNTNPSSLLTQICGLLGAHVHGVFEDNVDTEAVAQILDFISSQTHVPILSISGGSAVVLTPK VHVQTHVPSCLRPGTRLGSGVLWFWEAGIRRDGQGGGG
Host	Mouse
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.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

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[Protocol Download](#)

Gene Info — GRIN2C

Entrez GeneID [2905](#)

GeneBank Accession# [BC059384](#)

Protein Accession# [AAH59384](#)

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](#)