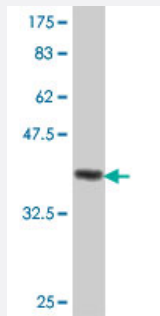


GRIN2B polyclonal antibody (A01)

Catalog # H00002904-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GRIN2B.
Immunogen	GRIN2B (NP_000825, 127 a.a. ~ 236 a.a) partial recombinant protein with GST tag.
Sequence	HGGSSMIMADKDESSMFFQFGPSIEQQASVMLNIMEEYDWYIFSMTTYFPGYQDFV NKIRSTIENS FVGWELEEVLLLDMSLDDGDSKIQNQLKKLQSPIILLYCTKEE
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GRIN2B

Entrez GeneID [2904](#)

GeneBank Accession# [NM_000834](#)

Protein Accession# [NP_000825](#)

Gene Name GRIN2B

Gene Alias MGC142178, MGC142180, NMDAR2B, NR2B, hNR3

Gene Description glutamate receptor, ionotropic, N-methyl D-aspartate 2B

Omim ID [138252](#)

Gene Ontology [Hyperlink](#)

Gene Summary N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor 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 three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain. [provided by RefSeq]

Other Designations N-methyl-D-aspartate receptor subunit 2B|glutamate receptor subunit epsilon-2

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Long-term potentiation](#)
- [Neuroactive ligand-receptor interaction](#)
- [Systemic lupus erythematosus](#)

Disease

- [Alcohol Withdrawal Delirium](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Cues](#)
- [Disease Models](#)
- [Dyslexia](#)
- [Epilepsy](#)
- [Executive Function](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Impulse Control Disorders](#)
- [Inhibition \(Psychology\)](#)
- [Memory](#)
- [Mental Disorders](#)
- [Nerve Degeneration](#)
- [Neuropsychological Tests](#)
- [Obsessive-Compulsive Disorder](#)

- [Parkinson disease](#)
- [Pheochromocytoma](#)
- [Postmortem Changes](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Seizures](#)
- [Substance Withdrawal Syndrome](#)
- [Tobacco Use Disorder](#)
- [Verbal Learning](#)
- [Weight Gain](#)