Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 25, 2025

NMDA Receptor 2A (GluN2A) Antibody

RRID:AB_2112295
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4205, RRID:AB_2112295)

Antibody Information

URL: http://antibodyregistry.org/AB_2112295

Proper Citation: (Cell Signaling Technology Cat# 4205, RRID:AB_2112295)

Target Antigen: NMDAR2A

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB

Antibody Name: NMDA Receptor 2A (GluN2A) Antibody

Description: This polyclonal targets NMDAR2A

Target Organism: rat, mouse

Antibody ID: AB_2112295

Vendor: Cell Signaling Technology

Catalog Number: 4205

Record Creation Time: 20231110T075442+0000

Record Last Update: 20241115T085656+0000

Ratings and Alerts

No rating or validation information has been found for NMDA Receptor 2A (GluN2A) Antibody.

No alerts have been found for NMDA Receptor 2A (GluN2A) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zong P, et al. (2024) TRPM2 enhances ischemic excitotoxicity by associating with PKC?. Cell reports, 43(2), 113722.

Caffino L, et al. (2024) Chronic Lithium Treatment Alters NMDA and AMPA Receptor Synaptic Availability and Dendritic Spine Organization in the Rat Hippocampus. Current neuropharmacology, 22(12), 2045.

Mottarlini F, et al. (2024) Communal nesting shapes the sex-dependent glutamatergic response to early life stress in the rat prefrontal cortex. Frontiers in psychiatry, 15, 1406687.

Pan YD, et al. (2024) Intermittent Hypobaric Hypoxia Ameliorates Autistic-Like Phenotypes in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(7).

Pintori N, et al. (2024) Brief exposure to enriched environment rapidly shapes the glutamate synapses in the rat brain: A metaplastic fingerprint. The European journal of neuroscience, 59(5), 982.

Zhu Y, et al. (2023) Taurine Alleviates Chronic Social Defeat Stress-Induced Depression by Protecting Cortical Neurons from Dendritic Spine Loss. Cellular and molecular neurobiology, 43(2), 827.

Arias-Cavieres A, et al. (2023) A consequence of immature breathing induces persistent changes in hippocampal synaptic plasticity and behavior: a role of prooxidant state and NMDA receptor imbalance. Frontiers in molecular neuroscience, 16, 1192833.

Arias-Cavieres A, et al. (2023) A Consequence of Immature Breathing induces Persistent Changes in Hippocampal Synaptic Plasticity and Behavior: A Role of Pro-Oxidant State and NMDA Receptor Imbalance. bioRxiv : the preprint server for biology.

Gerace E, et al. (2023) Ethanol-induced AMPA alterations are mediated by mGLU5

receptors through miRNA upregulation in hippocampal slices. European journal of pharmacology, 955, 175878.

Farsi Z, et al. (2023) Brain-region-specific changes in neurons and glia and dysregulation of dopamine signaling in Grin2a mutant mice. Neuron, 111(21), 3378.

Zheng R, et al. (2022) KIF2C regulates synaptic plasticity and cognition in mice through dynamic microtubule depolymerization. eLife, 11.

Azarnia Tehran D, et al. (2022) Selective endocytosis of Ca2+-permeable AMPARs by the Alzheimer's disease risk factor CALM bidirectionally controls synaptic plasticity. Science advances, 8(21), eabl5032.

Zong P, et al. (2022) Functional coupling of TRPM2 and extrasynaptic NMDARs exacerbates excitotoxicity in ischemic brain injury. Neuron, 110(12), 1944.

Mottarlini F, et al. (2022) Cortical reorganization of the glutamate synapse in the activity-based anorexia rat model: Impact on cognition. Journal of neurochemistry, 161(4), 350.

Yao M, et al. (2022) POSH regulates assembly of the NMDAR/PSD-95/Shank complex and synaptic function. Cell reports, 39(1), 110642.

Hur KH, et al. (2021) Methoxphenidine (MXP) induced abnormalities: Addictive and schizophrenia-related behaviours based on an imbalance of neurochemicals in the brain. British journal of pharmacology, 178(19), 3869.

Zeng P, et al. (2021) Protective effects of Da-cheng-qi decoction in rats with intracerebral hemorrhage. Phytomedicine : international journal of phytotherapy and phytopharmacology, 90, 153630.

Veschsanit N, et al. (2021) Melatonin reverts methamphetamine-induced learning and memory impairments and hippocampal alterations in mice. Life sciences, 265, 118844.

Bowers MS, et al. (2020) NYX-2925 induces metabotropic N-methyl-d-aspartate receptor (NMDAR) signaling that enhances synaptic NMDAR and ?-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor. Journal of neurochemistry, 152(5), 523.

Mottarlini F, et al. (2020) Activity-Based Anorexia Dynamically Dysregulates the Glutamatergic Synapse in the Nucleus Accumbens of Female Adolescent Rats. Nutrients, 12(12).