

Resource Summary Report

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Anti-NMDAR2A

RRID:AB_90770

Type: Antibody

Proper Citation

(Millipore Cat# AB1555P, RRID:AB_90770)

Antibody Information

URL: http://antibodyregistry.org/AB_90770

Proper Citation: (Millipore Cat# AB1555P, RRID:AB_90770)

Target Antigen: NMDAR2A

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: IH, IP, WB; Immunohistochemistry; Immunoprecipitation; Western Blot

Antibody Name: Anti-NMDAR2A

Description: This polyclonal targets NMDAR2A

Target Organism: f, h, m, r

Defining Citation: [PMID:16856139](#)

Antibody ID: AB_90770

Vendor: Millipore

Catalog Number: AB1555P

Record Creation Time: 20231110T081649+0000

Record Last Update: 20241115T081650+0000

Ratings and Alerts

No rating or validation information has been found for Anti-NMDAR2A.

No alerts have been found for Anti-NMDAR2A.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

Zhu ZA, et al. (2023) CDKL5 deficiency in adult glutamatergic neurons alters synaptic activity and causes spontaneous seizures via TrkB signaling. Cell reports, 42(10), 113202.

Acutain MF, et al. (2023) Reduced expression of GluN2A induces a delay in neuron maturation. Journal of neurochemistry.

Yang X, et al. (2022) Trafficking of NMDA receptors is essential for hippocampal synaptic plasticity and memory consolidation. Cell reports, 40(7), 111217.

Ruden JB, et al. (2021) Robust Expression of Functional NMDA Receptors in Human Induced Pluripotent Stem Cell-Derived Neuronal Cultures Using an Accelerated Protocol. Frontiers in molecular neuroscience, 14, 777049.

Liu J, et al. (2021) Facilitation of GluN2C-containing NMDA receptors in the external globus pallidus increases firing of fast spiking neurons and improves motor function in a hemiparkinsonian mouse model. Neurobiology of disease, 150, 105254.

Dyer MS, et al. (2021) Mislocalisation of TDP-43 to the cytoplasm causes cortical hyperexcitability and reduced excitatory neurotransmission in the motor cortex. Journal of neurochemistry, 157(4), 1300.

Santa-Marinha L, et al. (2020) Phospholipase D1 Ablation Disrupts Mouse Longitudinal Hippocampal Axis Organization and Functioning. Cell reports, 30(12), 4197.

Silva-Adaya D, et al. (2020) Early Neurotoxic Effects of Inorganic Arsenic Modulate Cortical GSH Levels Associated With the Activation of the Nrf2 and NF- κ B Pathways, Expression of Amino Acid Transporters and NMDA Receptors and the Production of Hydrogen Sulfide.

Frontiers in cellular neuroscience, 14, 17.

Zhang J, et al. (2018) Alleviation of Neuropathology by Inhibition of Monoacylglycerol Lipase in APP Transgenic Mice Lacking CB2 Receptors. *Molecular neurobiology*, 55(6), 4802.

Zhang JB, et al. (2018) Structural Basis of the Proton Sensitivity of Human GluN1-GluN2A NMDA Receptors. *Cell reports*, 25(13), 3582.

Itoh M, et al. (2018) Deficiency of AMPAR-Palmitoylation Aggravates Seizure Susceptibility. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(47), 10220.

Yee CW, et al. (2018) Atypical Expression and Activation of GluN2A- and GluN2B-Containing NMDA Receptors at Ganglion Cells during Retinal Degeneration. *Neuroscience*, 393, 61.

Zhang J, et al. (2014) Synaptic and cognitive improvements by inhibition of 2-AG metabolism are through upregulation of microRNA-188-3p in a mouse model of Alzheimer's disease. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(45), 14919.

King AE, et al. (2006) Localization of glutamate receptors in developing cortical neurons in culture and relationship to susceptibility to excitotoxicity. *The Journal of comparative neurology*, 498(2), 277.