

Resource Summary Report

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Anti-NR2A

RRID:AB_310837

Type: Antibody

Proper Citation

(Millipore Cat# 07-632, RRID:AB_310837)

Antibody Information

URL: http://antibodyregistry.org/AB_310837

Proper Citation: (Millipore Cat# 07-632, RRID:AB_310837)

Target Antigen: NR2A

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: IgG; IgG IP, WB; Immunoprecipitation; Western Blot

Antibody Name: Anti-NR2A

Description: This polyclonal targets NR2A

Target Organism: m, r

Defining Citation: [PMID:19711416](#), [PMID:23047530](#)

Antibody ID: AB_310837

Vendor: Millipore

Catalog Number: 07-632

Record Creation Time: 20231110T081447+0000

Record Last Update: 20241115T110207+0000

Ratings and Alerts

No rating or validation information has been found for Anti-NR2A.

No alerts have been found for Anti-NR2A.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Zhang C, et al. (2024) Transcranial Magneto-Acoustic Stimulation Protects Synaptic Rehabilitation from Amyloid-Beta Plaques via Regulation of Microglial Functions. International journal of molecular sciences, 25(9).

Kim S, et al. (2024) MDGAs perform activity-dependent synapse type-specific suppression via distinct extracellular mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 121(26), e2322978121.

Zaric Kontic M, et al. (2023) Prolonged Alprazolam Treatment Alters Components of Glutamatergic Neurotransmission in the Hippocampus of Male Wistar Rats-The Neuroadaptive Changes following Long-Term Benzodiazepine (Mis)Use. Pharmaceuticals (Basel, Switzerland), 16(3).

Gao Y, et al. (2023) ?2-microglobulin functions as an endogenous NMDAR antagonist to impair synaptic function. Cell, 186(5), 1026.

Zhong L, et al. (2023) TREM2 receptor protects against complement-mediated synaptic loss by binding to complement C1q during neurodegeneration. Immunity, 56(8), 1794.

Sabnis SS, et al. (2023) Intravenous recombinant cerebellin 1 treatment restores signalling by spinal glutamate delta 1 receptors and mitigates chronic pain. British journal of pharmacology.

Zeljkovic Jovanovic M, et al. (2023) Intermittent Theta Burst Stimulation Improves Motor and Behavioral Dysfunction through Modulation of NMDA Receptor Subunit Composition in Experimental Model of Parkinson's Disease. Cells, 12(11).

Huo Y, et al. (2022) Prkn knockout mice show autistic-like behaviors and aberrant synapse formation. iScience, 25(7), 104573.

El Chehadeh S, et al. (2022) SLITRK2 variants associated with neurodevelopmental disorders impair excitatory synaptic function and cognition in mice. Nature communications,

13(1), 4112.

Shelkar GP, et al. (2022) Cocaine preference and neuroadaptations are maintained by astrocytic NMDA receptors in the nucleus accumbens. *Science advances*, 8(29), eabo6574.

Wu X, et al. (2022) Synaptic hyperexcitability of cytomegalic pyramidal neurons contributes to epileptogenesis in tuberous sclerosis complex. *Cell reports*, 40(3), 111085.

Gannon M, et al. (2022) 14-3-3? Does Not Protect against Behavioral or Pathological Deficits in Alzheimer's Disease Mouse Models. *eNeuro*, 9(3).

Ju X, et al. (2021) Increasing the interval between repeated anesthetic exposures reduces long-lasting synaptic changes in late post-natal mice. *Journal of neurochemistry*, 156(1), 76.

Hwang H, et al. (2021) Neurogranin, Encoded by the Schizophrenia Risk Gene NRG1, Bidirectionally Modulates Synaptic Plasticity via Calmodulin-Dependent Regulation of the Neuronal Phosphoproteome. *Biological psychiatry*, 89(3), 256.

Delint-Ramirez I, et al. (2020) Cocaine-Induced Synaptic Redistribution of NMDARs in Striatal Neurons Alters NMDAR-Dependent Signal Transduction. *Frontiers in neuroscience*, 14, 698.

Chokshi V, et al. (2019) Input-Specific Metaplasticity in the Visual Cortex Requires Homer1a-Mediated mGluR5 Signaling. *Neuron*, 104(4), 736.

Morel C, et al. (2018) JIP1-Mediated JNK Activation Negatively Regulates Synaptic Plasticity and Spatial Memory. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(15), 3708.

Aguayo FI, et al. (2018) Hippocampal Memory Recovery After Acute Stress: A Behavioral, Morphological and Molecular Study. *Frontiers in molecular neuroscience*, 11, 283.

Pacheco A, et al. (2017) Chronic Stress Triggers Expression of Immediate Early Genes and Differentially Affects the Expression of AMPA and NMDA Subunits in Dorsal and Ventral Hippocampus of Rats. *Frontiers in molecular neuroscience*, 10, 244.

Benvegnù S, et al. (2017) Aging Triggers Cytoplasmic Depletion and Nuclear Translocation of the E3 Ligase Mahogunin: A Function for Ubiquitin in Neuronal Survival. *Molecular cell*, 66(3), 358.