

Resource Summary Report

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Anti-NR2B

RRID:AB_310193

Type: Antibody

Proper Citation

(Millipore Cat# 06-600, RRID:AB_310193)

Antibody Information

URL: http://antibodyregistry.org/AB_310193

Proper Citation: (Millipore Cat# 06-600, RRID:AB_310193)

Target Antigen: NR2B

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: Anti-NR2B

Description: This polyclonal targets NR2B

Target Organism: b, h, nonhuman primate, r, ca, mk

Defining Citation: [PMID:18335497](#), [PMID:19711416](#)

Antibody ID: AB_310193

Vendor: Millipore

Catalog Number: 06-600

Record Creation Time: 20241016T235705+0000

Record Last Update: 20241017T012913+0000

Ratings and Alerts

No rating or validation information has been found for Anti-NR2B.

No alerts have been found for Anti-NR2B.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Shin H, et al. (2024) Tonic NMDAR Currents of NR2A-Containing NMDARs Represent Altered Ambient Glutamate Concentration in the Supraoptic Nucleus. *eNeuro*, 11(2).

Topolski MA, et al. (2024) Input-specific localization of NMDA receptor GluN2 subunits in thalamocortical neurons. *bioRxiv : the preprint server for biology*.

Mercaldo V, et al. (2023) Altered striatal actin dynamics drives behavioral inflexibility in a mouse model of fragile X syndrome. *Neuron*, 111(11), 1760.

Sharma R, et al. (2023) Tonic Activation of NR2D-Containing NMDARs Exacerbates Dopaminergic Neuronal Loss in MPTP-Injected Parkinsonian Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(46), 7730.

Couto Pereira NS, et al. (2023) Aversive memory reactivation: A possible role for delta oscillations in the hippocampus-amygdala circuit. *Journal of neuroscience research*, 101(1), 48.

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*.

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

Chifor A, et al. (2022) NMDA receptor-targeted enrichment of CaMKII γ improves fear memory. *iScience*, 25(8), 104864.

Özden C, et al. (2022) CaMKII binds both substrates and activators at the active site. *Cell reports*, 40(2), 111064.

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.

Bilash OM, et al. (2021) Suppression of food restriction-evoked hyperactivity in activity-based anorexia animal model through glutamate transporters GLT-1 at excitatory synapses in the hippocampus. *Synapse (New York, N.Y.)*, 75(7), e22197.

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.

Higginbotham JA, et al. (2021) CB1 Receptor Signaling Modulates Amygdalar Plasticity during Context-Cocaine Memory Reconsolidation to Promote Subsequent Cocaine Seeking. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(4), 613.

Neupane C, et al. (2021) High Salt Intake Recruits Tonic Activation of NR2D Subunit-Containing Extrasynaptic NMDARs in Vasopressin Neurons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(6), 1145.

Mallozzi C, et al. (2020) The activity of the Striatal-enriched protein tyrosine phosphatase in neuronal cells is modulated by adenosine A2A receptor. *Journal of neurochemistry*, 152(3), 284.

So LY, et al. (2019) Social context-dependent singing alters molecular markers of dopaminergic and glutamatergic signaling in finch basal ganglia Area X. *Behavioural brain research*, 360, 103.

Guzman D, et al. (2018) Inactivation of NMDA Receptors in the Ventral Tegmental Area during Cocaine Self-Administration Prevents GluA1 Upregulation but with Paradoxical Increases in Cocaine-Seeking Behavior. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(3), 575.

Arcego DM, et al. (2018) Impact of High-Fat Diet and Early Stress on Depressive-Like Behavior and Hippocampal Plasticity in Adult Male Rats. *Molecular neurobiology*, 55(4), 2740.

Bavley CC, et al. (2018) Rescue of Learning and Memory Deficits in the Human Nonsyndromic Intellectual Disability Cereblon Knock-Out Mouse Model by Targeting the AMP-Activated Protein Kinase-mTORC1 Translational Pathway. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(11), 2780.

Nobili A, et al. (2018) Ambra1 Shapes Hippocampal Inhibition/Excitation Balance: Role in Neurodevelopmental Disorders. *Molecular neurobiology*, 55(10), 7921.