

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

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: 20250819T212146+0000

Record Last Update: 20250819T224225+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 [RRID](#) .

Sobierajski E, et al. (2025) Expression of synaptic proteins and development of dendritic spines in fetal and postnatal neocortex of the pig, the European wild boar *Sus scrofa*. *Brain structure & function*, 230(2), 38.

Köhler I, et al. (2025) Activation of GluN2D-containing NMDA receptors promotes development of axons and axon-carrying dendrites of cortical interneurons. *Cerebral cortex* (New York, N.Y. : 1991), 35(6).

Topolski MA, et al. (2025) Input-Specific Localization of NMDA Receptor GluN2 Subunits in Thalamocortical Neurons. *Journal of neurochemistry*, 169(3), e70049.

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 β 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.

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.

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.

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.