

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

Rabbit Anti-NMDAR2B Polyclonal Antibody, Unconjugated

RRID:AB_1658870

Type: Antibody

Proper Citation

Abcam Cat# ab65783, RRID:AB_1658870

Antibody Information

URL: http://antibodyregistry.org/AB_1658870

Proper Citation: Abcam Cat# ab65783, RRID:AB_1658870

Target Antigen: NMDAR2B

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; Immunocytochemistry/Immunofluorescence, Western Blot

Antibody Name: Rabbit Anti-NMDAR2B Polyclonal Antibody, Unconjugated

Description: This polyclonal targets NMDAR2B

Target Organism: rat, mouse, human

Antibody ID: AB_1658870

Vendor: Abcam

Catalog Number: ab65783

Record Creation Time: 20250819T224049+0000

Record Last Update: 20250820T025815+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-NMDAR2B Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-NMDAR2B Polyclonal Antibody, Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Gu Z, et al. (2026) High intensity 40 Hz flicker improves amyloid pathology and cognition with autophagy in 3xTg mice. *iScience*, 29(6), 115994.

Kong CH, et al. (2026) Sinaptic acid balances the excitatory and inhibitory neurotransmitter systems to mitigate post-traumatic stress disorder-like behaviors. *Life sciences*, 388, 124201.

Zhan JQ, et al. (2026) Anti-Aging Protein Klotho Attenuates Schizophrenia-Associated Cognitive and Synaptic Dysfunctions by Regulating GluN2B-NMDARs in the Hippocampus. *Journal of neurochemistry*, 170(5), e70456.

Sucharov J, et al. (2026) Aged circulating CD8+ T cells and their secreted factors drive cognitive decline. *Immunity*, 59(6), 1651.

Wang H, et al. (2025) Alterations of synaptic plasticity and brain oscillation are associated with autophagy induced synaptic pruning during adolescence. *Cognitive neurodynamics*, 19(1), 2.

Guo F, et al. (2024) Sevoflurane acts as an antidepressant by suppression of GluN2D-containing NMDA receptors on interneurons. *British journal of pharmacology*, 181(18), 3483.

Zhao M, et al. (2024) Sorl1 knockout inhibits expression of brain-derived neurotrophic factor: involvement in the development of late-onset Alzheimer's disease. *Neural regeneration research*, 19(7), 1602.

Zhu D, et al. (2024) Overabundant endocannabinoids in neurons are detrimental to cognitive function. *bioRxiv : the preprint server for biology*.

He RB, et al. (2023) Ceftriaxone improves impairments in synaptic plasticity and cognitive behavior in APP/PS1 mouse model of Alzheimer's disease by inhibiting extrasynaptic NMDAR-STEP61 signaling. *Journal of neurochemistry*, 166(2), 215.

Gunasekaran S, et al. (2022) miR-146a and miR-200b alter cognition by targeting NMDA receptor subunits. *iScience*, 25(12), 105515.

Gong LK, et al. (2022) Low-dose ganciclovir ameliorates dextran sulfate sodium-induced ulcerative colitis through inhibiting macrophage STING activation in mice. *Frontiers in pharmacology*, 13, 1020670.

Jones-Muhammad M, et al. (2022) Increased seizure sensitivity in pregnant mice with genetic knockdown of acid sensing ion channel 2a is associated with impaired hippocampal inflammatory response. *Frontiers in physiology*, 13, 983506.

Cui X, et al. (2022) Identification and characterization of long non-coding RNA Carip in modulating spatial learning and memory. *Cell reports*, 38(8), 110398.

Wang S, et al. (2022) Knockout of Dopamine D3 Receptor Gene Blocked Methamphetamine-Induced Distinct Changes of Dopaminergic and Glutamatergic Synapse in the Nucleus Accumbens Shell of Mice. *Frontiers in cellular neuroscience*, 16, 893190.

Asuni GP, et al. (2021) Neuronal apoptosis induced by morphine withdrawal is mediated by the p75 neurotrophin receptor. *Journal of neurochemistry*, 158(2), 169.

Chakraborty A, et al. (2021) Chronic VEGFR-3 signaling preserves dendritic arborization and sensitization under stress. *Brain, behavior, and immunity*, 98, 219.

Healey KL, et al. (2021) Effects of adolescent intermittent ethanol on hippocampal expression of glutamate homeostasis and astrocyte-neuronal tethering proteins in male and female rats. *Journal of neuroscience research*, 99(8), 1908.

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.

Bieler M, et al. (2021) Changes in concentrations of NMDA receptor subunit GluN2B, Arc and syntaxin-1 in dorsal hippocampus Schaffer collateral synapses in a rat learned helplessness model of depression. *The Journal of comparative neurology*, 529(12), 3194.

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