

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

Phospho-NMDAR2B (Tyr1472) Antibody

RRID:AB_1549657

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4208, RRID:AB_1549657

Antibody Information

URL: http://antibodyregistry.org/AB_1549657

Proper Citation: Cell Signaling Technology Cat# 4208, RRID:AB_1549657

Target Antigen: Phospho-NMDAR2B (Tyr1472)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IP. Consolidation on 10/2018: AB_10398771, AB_1549657, AB_1549658.

Antibody Name: Phospho-NMDAR2B (Tyr1472) Antibody

Description: This polyclonal targets Phospho-NMDAR2B (Tyr1472)

Target Organism: rat, h, m, mouse, r, human

Antibody ID: AB_1549657

Vendor: Cell Signaling Technology

Catalog Number: 4208

Record Creation Time: 20250820T033755+0000

Record Last Update: 20250820T164608+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-NMDAR2B (Tyr1472) Antibody.

No alerts have been found for Phospho-NMDAR2B (Tyr1472) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Mottarlini F, et al. (2025) Repeated cocaine exposure and prolonged withdrawal induce spatial memory impairment and dysregulate the glutamatergic synapse composition in the dorsal hippocampus of male rats. *Neuropharmacology*, 273, 110453.

Díaz-Valdivia N, et al. (2025) Anti-P antibodies that impair memory perturb hippocampal glutamatergic receptor trafficking, synapse structure and microglia. *Molecular medicine (Cambridge, Mass.)*, 31(1), 290.

Navarro-Gonzalez C, et al. (2021) Nrg1 haploinsufficiency alters inhibitory cortical circuits. *Neurobiology of disease*, 157, 105442.

Espinoza S, et al. (2020) Neuronal surface P antigen (NSPA) modulates postsynaptic NMDAR stability through ubiquitination of tyrosine phosphatase PTPMEG. *BMC biology*, 18(1), 164.

Zhu YB, et al. (2020) Activation of CaMKII and GluR1 by the PSD-95-GluN2B Coupling-Dependent Phosphorylation of GluN2B in the Spinal Cord in a Rat Model of Type-2 Diabetic Neuropathic Pain. *Journal of neuropathology and experimental neurology*, 79(7), 800.

da Luz MHM, et al. (2020) Sleep deprivation regulates availability of PrPC and A β peptides which can impair interaction between PrPC and laminin and neuronal plasticity. *Journal of neurochemistry*, 153(3), 377.

Krania P, et al. (2018) Adenosine A2A receptors are required for glutamate mGluR5- and dopamine D1 receptor-evoked ERK1/2 phosphorylation in rat hippocampus: involvement of NMDA receptor. *Journal of neurochemistry*, 145(3), 217.