

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Anti-GluN1/NR1 Glutamate Receptor Antibody

RRID:AB_11000180

Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 75-272, RRID:AB_11000180

Antibody Information

URL: http://antibodyregistry.org/AB_11000180

Proper Citation: Antibodies Incorporated Cat# 75-272, RRID:AB_11000180

Target Antigen: GluN1/NR1 glutamate receptor

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IB, ICC, IHC

Validation status: IF or IB (Pass), IB in brain (Pass), IHC in brain (Pass), KO (ND)

This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-272, RRID:AB_11000180), supernatant (Antibodies Incorporated, Cat# 73-272, RRID:AB_11001716), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# N308/48, RRID:AB_2877408)

Antibody Name: Anti-GluN1/NR1 Glutamate Receptor Antibody

Description: This monoclonal targets GluN1/NR1 glutamate receptor

Target Organism: rat, mouse, human

Clone ID: N308/48

Antibody ID: AB_11000180

Vendor: Antibodies Incorporated

Catalog Number: 75-272

Record Creation Time: 20250820T034313+0000

Record Last Update: 20250820T170014+0000

Ratings and Alerts

No rating or validation information has been found for Anti-GluN1/NR1 Glutamate Receptor Antibody.

No alerts have been found for Anti-GluN1/NR1 Glutamate Receptor 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](#) .

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.

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.

Chen Y, et al. (2019) Increased $\alpha 2\delta$ -1-NMDA receptor coupling potentiates glutamatergic input to spinal dorsal horn neurons in chemotherapy-induced neuropathic pain. *Journal of neurochemistry*, 148(2), 252.

Deng M, et al. (2019) Mitogen-activated protein kinase signaling mediates opioid-induced presynaptic NMDA receptor activation and analgesic tolerance. *Journal of neurochemistry*, 148(2), 275.

Koster KP, et al. (2019) Developmental NMDA receptor dysregulation in the infantile neuronal ceroid lipofuscinosis mouse model. *eLife*, 8.

Ma H, et al. (2018) $\alpha 2\delta$ -1 Is Essential for Sympathetic Output and NMDA Receptor Activity Potentiated by Angiotensin II in the Hypothalamus. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(28), 6388.

Shaqura M, et al. (2016) Membrane-bound glucocorticoid receptors on distinct nociceptive neurons as potential targets for pain control through rapid non-genomic effects. *Neuropharmacology*, 111, 1.