

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 29, 2025

## Anti-NMDAR2B (GluN2B) (extracellular) Antibody

RRID:AB\_2040028

Type: Antibody

### Proper Citation

(Alomone Labs Cat# AGC-003, RRID:AB\_2040028)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2040028](http://antibodyregistry.org/AB_2040028)

**Proper Citation:** (Alomone Labs Cat# AGC-003, RRID:AB\_2040028)

**Target Antigen:** NMDA Receptor 2B (NR2B) (extracellular)

**Host Organism:** rabbit

**Clonality:** unknown

**Comments:** Useful for Western Blot, Immunohistochemistry, Immunoprecipitation, Live cell imaging, Immunocytochemistry, Indirect flow cytometry

**Antibody Name:** Anti-NMDAR2B (GluN2B) (extracellular) Antibody

**Description:** This unknown targets NMDA Receptor 2B (NR2B) (extracellular)

**Target Organism:** rat, mouse, human

**Antibody ID:** AB\_2040028

**Vendor:** Alomone Labs

**Catalog Number:** AGC-003

**Record Creation Time:** 20231110T050917+0000

**Record Last Update:** 20241115T101546+0000

### Ratings and Alerts

No rating or validation information has been found for Anti-NMDAR2B (GluN2B) (extracellular) Antibody.

No alerts have been found for Anti-NMDAR2B (GluN2B) (extracellular) Antibody.

---

## Data and Source Information

**Source:** [Antibody Registry](#)

---

## Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Le AA, et al. (2024) Metabotropic NMDA Receptor Signaling Contributes to Sex Differences in Synaptic Plasticity and Episodic Memory. bioRxiv : the preprint server for biology.

Kim S, et al. (2024) MDGAs perform activity-dependent synapse type-specific suppression via distinct extracellular mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 121(26), e2322978121.

Bessières B, et al. (2024) Synaptic rearrangement of NMDA receptors controls memory engram formation and malleability in the cortex. Science advances, 10(35), eado1148.

Bijoch ?, et al. (2023) Diverse processing of pharmacological and natural rewards by the central amygdala. Cell reports, 42(9), 113036.

Grochowska KM, et al. (2023) Chaperone-mediated autophagy in neuronal dendrites utilizes activity-dependent lysosomal exocytosis for protein disposal. Cell reports, 42(8), 112998.

Bland T, et al. (2020) Leptin Controls Glutamatergic Synaptogenesis and NMDA-Receptor Trafficking via Fyn Kinase Regulation of NR2B. Endocrinology, 161(2).

Li Y, et al. (2018) Lrfr2-Mutant Mice Display Suppressed Synaptic Plasticity and Inhibitory Synapse Development and Abnormal Social Communication and Startle Response. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(26), 5872.

Prieto GA, et al. (2017) Pharmacological Rescue of Long-Term Potentiation in Alzheimer Diseased Synapses. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(5), 1197.

Ferreira JS, et al. (2017) Co-agonists differentially tune GluN2B-NMDA receptor trafficking at hippocampal synapses. eLife, 6.