

Resource Summary Report

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NMDAR2B Antibody

RRID:AB_1264223

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4207, RRID:AB_1264223)

Antibody Information

URL: http://antibodyregistry.org/AB_1264223

Proper Citation: (Cell Signaling Technology Cat# 4207, RRID:AB_1264223)

Target Antigen: NMDAR2B

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W

Antibody Name: NMDAR2B Antibody

Description: This polyclonal targets NMDAR2B

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

Antibody ID: AB_1264223

Vendor: Cell Signaling Technology

Catalog Number: 4207

Record Creation Time: 20231110T074044+0000

Record Last Update: 20241115T110532+0000

Ratings and Alerts

No rating or validation information has been found for NMDAR2B Antibody.

No alerts have been found for NMDAR2B Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Zong P, et al. (2024) TRPM2 enhances ischemic excitotoxicity by associating with PKC?. Cell reports, 43(2), 113722.

Pintori N, et al. (2024) Brief exposure to enriched environment rapidly shapes the glutamate synapses in the rat brain: A metaplastic fingerprint. The European journal of neuroscience, 59(5), 982.

Tang X, et al. (2024) Pyramidal and parvalbumin neurons modulate the process of electroacupuncture stimulation for stroke rehabilitation. iScience, 27(5), 109695.

Nascimento C, et al. (2024) Impaired Response to Mismatch Novelty in the Li2+-Pilocarpine Rat Model of TLE: Correlation with Hippocampal Monoaminergic Inputs. Biomedicines, 12(3).

Pan YD, et al. (2024) Intermittent Hypobaric Hypoxia Ameliorates Autistic-Like Phenotypes in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(7).

Cararo-Lopes MM, et al. (2024) Overexpression of ?-Klotho isoforms promotes distinct Effects on BDNF-Induced Alterations in Dendritic Morphology. Molecular neurobiology, 61(11), 9155.

Xiong S, et al. (2023) Glutamate-releasing BEST1 channel is a new target for neuroprotection against ischemic stroke with wide time window. Acta pharmaceutica Sinica. B, 13(7), 3008.

Zhu Y, et al. (2023) Taurine Alleviates Chronic Social Defeat Stress-Induced Depression by Protecting Cortical Neurons from Dendritic Spine Loss. Cellular and molecular neurobiology, 43(2), 827.

Zheng R, et al. (2022) KIF2C regulates synaptic plasticity and cognition in mice through dynamic microtubule depolymerization. *eLife*, 11.

Zong P, et al. (2022) Functional coupling of TRPM2 and extrasynaptic NMDARs exacerbates excitotoxicity in ischemic brain injury. *Neuron*, 110(12), 1944.

Azarnia Tehran D, et al. (2022) Selective endocytosis of Ca²⁺-permeable AMPARs by the Alzheimer's disease risk factor CALM bidirectionally controls synaptic plasticity. *Science advances*, 8(21), eabl5032.

Zeng P, et al. (2021) Protective effects of Da-cheng-qi decoction in rats with intracerebral hemorrhage. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 90, 153630.

Pohlkamp T, et al. (2021) NHE6 depletion corrects ApoE4-mediated synaptic impairments and reduces amyloid plaque load. *eLife*, 10.

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

Bowers MS, et al. (2020) NYX-2925 induces metabotropic N-methyl-d-aspartate receptor (NMDAR) signaling that enhances synaptic NMDAR and α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor. *Journal of neurochemistry*, 152(5), 523.

Moidunny S, et al. (2020) Glycogen synthase kinase-3 inhibition rescues sex-dependent contextual fear memory deficit in human immunodeficiency virus-1 transgenic mice. *British journal of pharmacology*, 177(24), 5658.

Qin XH, et al. (2019) Liver Soluble Epoxide Hydrolase Regulates Behavioral and Cellular Effects of Chronic Stress. *Cell reports*, 29(10), 3223.

Mayanagi T, et al. (2019) Social Stress-Induced Postsynaptic Hyporesponsiveness in Glutamatergic Synapses Is Mediated by PSD-Zip70-Rap2 Pathway and Relates to Anxiety-Like Behaviors. *Frontiers in cellular neuroscience*, 13, 564.

Salazar SV, et al. (2019) Alzheimer's Disease Risk Factor Pyk2 Mediates Amyloid- β -Induced Synaptic Dysfunction and Loss. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(4), 758.

Sears SMS, et al. (2019) Decreased epileptogenesis in mice lacking the System xc⁻ transporter occurs in association with a reduction in AMPA receptor subunit GluA1. *Epilepsia open*, 4(1), 133.