Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 9, 2025

NMDAR1 antibody [EPR2481(2)]

RRID:AB_10862307
Type: Antibody

Proper Citation

(Abcam Cat# ab109182, RRID:AB_10862307)

Antibody Information

URL: http://antibodyregistry.org/AB_10862307

Proper Citation: (Abcam Cat# ab109182, RRID:AB_10862307)

Target Antigen: NMDAR1 antibody [EPR2481(2)]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Flow Cytometry; Western Blot; Flow Cyt, ICC, WB

Antibody Name: NMDAR1 antibody [EPR2481(2)]

Description: This monoclonal targets NMDAR1 antibody [EPR2481(2)]

Target Organism: rat, mouse, human

Antibody ID: AB_10862307

Vendor: Abcam

Catalog Number: ab109182

Record Creation Time: 20241016T231357+0000

Record Last Update: 20241017T001716+0000

Ratings and Alerts

No rating or validation information has been found for NMDAR1 antibody [EPR2481(2)].

No alerts have been found for NMDAR1 antibody [EPR2481(2)].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Misrani A, et al. (2024) Vibration-reduced anxiety-like behavior relies on ameliorating abnormalities of the somatosensory cortex and medial prefrontal cortex. Neural regeneration research, 19(6), 1351.

Ji C, et al. (2023) Glutaminase 1 deficiency confined in forebrain neurons causes autism spectrum disorder-like behaviors. Cell reports, 42(7), 112712.

Arias-Cavieres A, et al. (2023) A consequence of immature breathing induces persistent changes in hippocampal synaptic plasticity and behavior: a role of prooxidant state and NMDA receptor imbalance. Frontiers in molecular neuroscience, 16, 1192833.

Arias-Cavieres A, et al. (2023) A Consequence of Immature Breathing induces Persistent Changes in Hippocampal Synaptic Plasticity and Behavior: A Role of Pro-Oxidant State and NMDA Receptor Imbalance. bioRxiv : the preprint server for biology.

Nair JD, et al. (2023) GluK2 Q/R editing regulates kainate receptor signaling and long-term potentiation of AMPA receptors. iScience, 26(10), 107708.

Lin NH, et al. (2023) Neuroprotective Effects of a Multi-Herbal Extract on Axonal and Synaptic Disruption in Vitro and Cognitive Impairment in Vivo. Journal of Alzheimer's disease reports, 7(1), 51.

Whittsette AL, et al. (2022) The endoplasmic reticulum membrane complex promotes proteostasis of GABAA receptors. iScience, 25(8), 104754.

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.

Ruden JB, et al. (2021) Robust Expression of Functional NMDA Receptors in Human Induced Pluripotent Stem Cell-Derived Neuronal Cultures Using an Accelerated Protocol. Frontiers in molecular neuroscience, 14, 777049.

Dyer MS, et al. (2021) Mislocalisation of TDP-43 to the cytoplasm causes cortical hyperexcitability and reduced excitatory neurotransmission in the motor cortex. Journal of neurochemistry, 157(4), 1300.

Hwang H, et al. (2021) Neurogranin, Encoded by the Schizophrenia Risk Gene NRGN, Bidirectionally Modulates Synaptic Plasticity via Calmodulin-Dependent Regulation of the Neuronal Phosphoproteome. Biological psychiatry, 89(3), 256.

Yoon S, et al. (2020) Usp9X Controls Ankyrin-Repeat Domain Protein Homeostasis during Dendritic Spine Development. Neuron, 105(3), 506.

Toft AK, et al. (2016) Dysregulated NMDA-Receptor Signaling Inhibits Long-Term Depression in a Mouse Model of Fragile X Syndrome. The Journal of neuroscience : the official journal of the Society for Neuroscience, 36(38), 9817.