Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 17, 2025

Anti-GluA1/GluR1 Glutamate Receptor Antibody

RRID:AB_2315840
Type: Antibody

Proper Citation

(Antibodies Incorporated Cat# 75-327, RRID:AB_2315840)

Antibody Information

URL: http://antibodyregistry.org/AB_2315840

Proper Citation: (Antibodies Incorporated Cat# 75-327, RRID:AB_2315840)

Target Antigen: GluA1/GluR1 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# 75-327, RRID:AB_2315840), supernatant (Antibodies Incorporated, Cat# 73-327, RRID:AB_2315839), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# N355/1, RRID:AB_2877405)

Antibody Name: Anti-GluA1/GluR1 Glutamate Receptor Antibody

Description: This monoclonal targets GluA1/GluR1 glutamate receptor

Target Organism: rat, mouse, human

Clone ID: N355/1

Antibody ID: AB_2315840

Vendor: Antibodies Incorporated

Catalog Number: 75-327

Record Creation Time: 20231110T042036+0000

Record Last Update: 20241115T072824+0000

Ratings and Alerts

No rating or validation information has been found for Anti-GluA1/GluR1 Glutamate Receptor Antibody.

No alerts have been found for Anti-GluA1/GluR1 Glutamate Receptor Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Li L, et al. (2023) Tiam1 coordinates synaptic structural and functional plasticity underpinning the pathophysiology of neuropathic pain. Neuron, 111(13), 2038.

Boudkkazi S, et al. (2023) A Noelin-organized extracellular network of proteins required for constitutive and context-dependent anchoring of AMPA-receptors. Neuron, 111(16), 2544.

Opland CK, et al. (2023) Activity-dependent tau cleavage by caspase-3 promotes neuronal dysfunction and synaptotoxicity. iScience, 26(6), 106905.

Plambeck KE, et al. (2022) Mutually Dependent Clustering of SynDIG4/PRRT1 and AMPA Receptor Subunits GluA1 and GluA2 in Heterologous Cells and Primary Neurons. Frontiers in molecular neuroscience, 15, 788620.

Barhorst KA, et al. (2022) Remote and Persistent Alterations in Glutamate Receptor Subunit Composition Induced by Spreading Depolarizations in Rat Brain. Cellular and molecular neurobiology, 42(4), 1253.

Martin EE, et al. (2021) Interaction and Subcellular Association of PRRT1/SynDIG4 With AMPA Receptors. Frontiers in synaptic neuroscience, 13, 705664.

Creighton BA, et al. (2021) Giant ankyrin-B mediates transduction of axon guidance and collateral branch pruning factor sema 3A. eLife, 10.

Knott MV, et al. (2021) Lack of Glutamate Receptor Subunit Expression Changes in Hippocampal Dentate Gyrus after Experimental Traumatic Brain Injury in a Rodent Model of Depression. International journal of molecular sciences, 22(15).

Nagaraja RY, et al. (2021) W246G Mutant ELOVL4 Impairs Synaptic Plasticity in Parallel and Climbing Fibers and Causes Motor Defects in a Rat Model of SCA34. Molecular neurobiology, 58(10), 4921.

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.

Holderith N, et al. (2020) A High-Resolution Method for Quantitative Molecular Analysis of Functionally Characterized Individual Synapses. Cell reports, 32(4), 107968.

Chen C, et al. (2020) Pathway-specific dysregulation of striatal excitatory synapses by LRRK2 mutations. eLife, 9.

Yennawar M, et al. (2019) AMPA Receptor Dysregulation and Therapeutic Interventions in a Mouse Model of CDKL5 Deficiency Disorder. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(24), 4814.

Paskus JD, et al. (2019) Synaptic Kalirin-7 and Trio Interactomes Reveal a GEF Protein-Dependent Neuroligin-1 Mechanism of Action. Cell reports, 29(10), 2944.

Schwenk J, et al. (2019) An ER Assembly Line of AMPA-Receptors Controls Excitatory Neurotransmission and Its Plasticity. Neuron, 104(4), 680.

Ribic A, et al. (2019) Synapse-Selective Control of Cortical Maturation and Plasticity by Parvalbumin-Autonomous Action of SynCAM 1. Cell reports, 26(2), 381.

Gong B, et al. (2016) Developing high-quality mouse monoclonal antibodies for neuroscience research - approaches, perspectives and opportunities. New biotechnology, 33(5 Pt A), 551.