

Resource Summary Report

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Anti-GluA2/GluR2 Glutamate Receptor Antibody

RRID:AB_2232661

Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 75-002, RRID:AB_2232661

Antibody Information

URL: http://antibodyregistry.org/AB_2232661

Proper Citation: Antibodies Incorporated Cat# 75-002, RRID:AB_2232661

Target Antigen: GluA2/GluR2 glutamate receptor

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: EM, IB, ICC, IHC, Immuno-gold, IP, KO, WB

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

This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-002, RRID:AB_2232661), supernatant (Antibodies Incorporated, Cat# 73-002, RRID:AB_10674575), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# L21/32, RRID:AB_2877267)

Antibody Name: Anti-GluA2/GluR2 Glutamate Receptor Antibody

Description: This monoclonal targets GluA2/GluR2 glutamate receptor

Target Organism: rat, mouse, human

Clone ID: L21/32

Antibody ID: AB_2232661

Vendor: Antibodies Incorporated

Catalog Number: 75-002

Record Creation Time: 20250819T232858+0000

Record Last Update: 20250820T052834+0000

Ratings and Alerts

No rating or validation information has been found for Anti-GluA2/GluR2 Glutamate Receptor Antibody.

No alerts have been found for Anti-GluA2/GluR2 Glutamate Receptor Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Vinci E, et al. (2025) Regulation of Dendrite and Dendritic Spine Formation by TCF20. Journal of neurochemistry, 169(1), e16297.

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.

Sobierajski E, et al. (2025) Expression of synaptic proteins and development of dendritic spines in fetal and postnatal neocortex of the pig, the European wild boar *Sus scrofa*. Brain structure & function, 230(2), 38.

Mohar B, et al. (2025) DELTA: a method for brain-wide measurement of synaptic protein turnover reveals localized plasticity during learning. Nature neuroscience, 28(5), 1089.

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.

Koster KP, et al. (2023) Loss of Depalmitoylation Disrupts Homeostatic Plasticity of AMPARs in a Mouse Model of Infantile Neuronal Ceroid Lipofuscinosis. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(49), 8317.

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

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.

Mlinac-Jerkovic K, et al. (2021) Who's in, who's out? Re-evaluation of lipid raft residents. Journal of neurochemistry, 158(3), 657.

Peter S, et al. (2020) AMPAR Auxiliary Protein SHISA6 Facilitates Purkinje Cell Synaptic Excitability and Procedural Memory Formation. Cell reports, 31(2), 107515.

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.

Arias-Hervert ER, et al. (2020) Actions of Rab27B-GTPase on mammalian central excitatory synaptic transmission. Physiological reports, 8(9), e14428.

Zhang K, et al. (2020) Imbalance of Excitatory/Inhibitory Neuron Differentiation in Neurodevelopmental Disorders with an NR2F1 Point Mutation. Cell reports, 31(3), 107521.

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

Vaden JH, et al. (2019) Chronic over-expression of ubiquitin impairs learning, reduces synaptic plasticity, and enhances GRIA receptor turnover in mice. Journal of neurochemistry, 148(3), 386.

Maltese M, et al. (2018) Early structural and functional plasticity alterations in a susceptibility period of DYT1 dystonia mouse striatum. eLife, 7.

Makinson CD, et al. (2017) Regulation of Thalamic and Cortical Network Synchrony by Scn8a. Neuron, 93(5), 1165.

Barnes SJ, et al. (2017) Deprivation-Induced Homeostatic Spine Scaling In Vivo Is Localized to Dendritic Branches that Have Undergone Recent Spine Loss. Neuron, 96(4), 871.

Simhal AK, et al. (2017) Probabilistic fluorescence-based synapse detection. PLoS computational biology, 13(4), e1005493.

Kirk LM, et al. (2016) Distribution of the SynDIG4/proline-rich transmembrane protein 1 in rat brain. The Journal of comparative neurology, 524(11), 2266.