Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 4, 2024

Anti-Glutamate Receptor 2, extracellular, clone 6C4

RRID:AB_2113875
Type: Antibody

Proper Citation

(Millipore Cat# MAB397, RRID:AB_2113875)

Antibody Information

URL: http://antibodyregistry.org/AB_2113875

Proper Citation: (Millipore Cat# MAB397, RRID:AB_2113875)

Target Antigen: GRIA2

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: western blot, ELISA, radioimmunoassay, immunoprecipitation, immunohistochemistry, immunocytochemistry

Antibody Name: Anti-Glutamate Receptor 2, extracellular, clone 6C4

Description: This monoclonal targets GRIA2

Target Organism: human, rat

Defining Citation: PMID:19034952, PMID:16998906, PMID:17299759, PMID:16927255, PMID:16856139

Antibody ID: AB_2113875

Vendor: Millipore

Catalog Number: MAB397

Ratings and Alerts

No rating or validation information has been found for Anti-Glutamate Receptor 2, extracellular, clone 6C4.

No alerts have been found for Anti-Glutamate Receptor 2, extracellular, clone 6C4.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 85 mentions in open access literature.

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

Bovee S, et al. (2024) Cochlear Ribbon Synapses in Aged Gerbils. International journal of molecular sciences, 25(5).

Tolnai S, et al. (2024) Age-related deficits in binaural hearing: Contribution of peripheral and central effects. The Journal of neuroscience : the official journal of the Society for Neuroscience.

Clavet-Fournier V, et al. (2024) Pre- and postsynaptic nanostructures increase in size and complexity after induction of long-term potentiation. iScience, 27(1), 108679.

Peng Y, et al. (2023) Translational patterns of ionotropic glutamate and GABA receptors during brain development and behavioral stimuli revealed by polysome profiling. Journal of neurochemistry, 164(6), 786.

Rutherford MA, et al. (2023) GluA3 subunits are required for appropriate assembly of AMPAR GluA2 and GluA4 subunits on cochlear afferent synapses and for presynaptic ribbon modiolar-pillar morphology. eLife, 12.

Falkovich R, et al. (2023) A synaptic molecular dependency network in knockdown of autism- and schizophrenia-associated genes revealed by multiplexed imaging. Cell reports, 42(5), 112430.

Newton S, et al. (2023) Absence of Embigin accelerates hearing loss and causes sub-viability, brain and heart defects in C57BL/6N mice due to interaction with Cdh23ahl. iScience, 26(10), 108056.

Xu FX, et al. (2023) Purkinje-cell-specific MeCP2 deficiency leads to motor deficits and autistic-like behavior due to aberrations in PTP1B-TrkB-SK signaling. Cell reports, 42(12), 113559.

Zhao Y, et al. (2023) Sepsis Impairs Purkinje Cell Functions and Motor Behaviors Through

Microglia Activation. Cerebellum (London, England).

Liu RH, et al. (2023) Inhibiting neuronal AC1 for treating anxiety and headache in the animal model of migraine. iScience, 26(6), 106790.

Wang Y, et al. (2023) Chronic Neuronal Inactivity Utilizes the mTOR-TFEB Pathway to Drive Transcription-Dependent Autophagy for Homeostatic Up-Scaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(15), 2631.

Cortada M, et al. (2023) mTORC2 regulates auditory hair cell structure and function. iScience, 26(9), 107687.

Suzuki K, et al. (2022) Optical analysis of AMPAR-mediated synaptic scaling in mouse hippocampus. STAR protocols, 3(2), 101443.

Bissen D, et al. (2022) Expansion microscopy of mouse brain organotypic slice cultures to study protein distribution. STAR protocols, 3(3), 101507.

He G, et al. (2022) Characterizing neurotrophic factor-induced synaptic growth in primary mouse neuronal cultures. STAR protocols, 3(1), 101112.

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

Ramirez MA, et al. (2022) Cochlear ribbon synapse maturation requires Nlgn1 and Nlgn3. iScience, 25(8), 104803.

Nozawa K, et al. (2022) In vivo nanoscopic landscape of neurexin ligands underlying anterograde synapse specification. Neuron, 110(19), 3168.

Newton S, et al. (2022) Neuroplastin genetically interacts with Cadherin 23 and the encoded isoform Np55 is sufficient for cochlear hair cell function and hearing. PLoS genetics, 18(1), e1009937.

Mao LM, et al. (2022) Downregulation of surface AMPA receptor expression in the striatum following prolonged social isolation, a role of mGlu5 receptors. IBRO neuroscience reports, 13, 22.