Resource Summary Report

Generated by RRID on Aug 9, 2026

Anti-Glutamate receptor 1

RRID:AB_2113602
Type: Antibody

Proper Citation

Millipore Cat# AB1504, RRID:AB_2113602

Antibody Information

URL: http://antibodyregistry.org/AB_2113602

Proper Citation: Millipore Cat# AB1504, RRID:AB_2113602

Target Antigen: Glutamate receptor 1

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: WB, IH(P), IP; Immunoprecipitation; Western Blot; Immunohistochemistry. The following antibodies were determined to be duplicates and consolidated by curator on 12/2018: AB_2113602, AB_11212863.

Antibody Name: Anti-Glutamate receptor 1

Description: This polyclonal targets Glutamate receptor 1

Target Organism: h, eq, m, horse, r

Antibody ID: AB_2113602

Vendor: Millipore

Catalog Number: AB1504

Record Creation Time: 20250819T221801+0000

Record Last Update: 20250820T014511+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Glutamate receptor 1.

No alerts have been found for Anti-Glutamate receptor 1.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 95 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Sirmpilatze N, et al. (2026) An open-source three-dimensional digital brain atlas of a migratory bird, the Eurasian blackcap. Current biology : CB, 36(8), 2063.

Huang Z, et al. (2026) Single-dose psilocybin promotes cell-type-specific changes of neurons in the orbitofrontal cortex. Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics, 23(1), e00841.

Brodbeck MIR, et al. (2026) Brain activity in Cluster N and the hippocampus in non-migratory zebra finches completing a spatial orientation task using magnetic compass information. PloS one, 21(4), e0348066.

Morioka K, et al. (2025) Disuse plasticity limits spinal cord injury recovery. iScience, 28(4), 112180.

Bosworth AP, et al. (2025) Astrocyte glypican 5 regulates synapse maturation and stabilization. Cell reports, 44(3), 115374.

Williams CA, et al. (2025) The Alzheimer's disease risk gene SORL1 is a regulator of excitatory neuronal function. bioRxiv : the preprint server for biology.

Chen KH, et al. (2025) Loss of the proton-activated chloride channel in neurons impairs AMPA receptor endocytosis and LTD via endosomal hyper-acidification. Cell reports, 44(2), 115302.

Park SJ, et al. (2025) The neurexin gene family regulates olfactory glomerular formation. Cell reports, 44(8), 116125.

Zhou JJ, et al. (2024) Calcineurin regulates synaptic Ca2+-permeable AMPA receptors in hypothalamic presympathetic neurons via ??-1-mediated GluA1/GluA2 assembly. The Journal of physiology, 602(10), 2179.

Reiner A, et al. (2024) Neurochemistry and circuit organization of the lateral spiriform nucleus of birds: A uniquely nonmammalian direct pathway component of the basal ganglia. The Journal of comparative neurology, 532(5), e25620.

Wu J, et al. (2024) Disease-causing Slack potassium channel mutations produce opposite effects on excitability of excitatory and inhibitory neurons. Cell reports, 43(3), 113904.

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).

Coulson RL, et al. (2024) Translational modulator ISRIB alleviates synaptic and behavioral phenotypes in Fragile X syndrome. iScience, 27(4), 109259.

P A H, et al. (2024) Mitigation of synaptic and memory impairments via F-actin stabilization in Alzheimer's disease. Alzheimer's research & therapy, 16(1), 200.

Ji E, et al. (2024) The Chemokine CCL2 Promotes Excitatory Synaptic Transmission in Hippocampal Neurons via GluA1 Subunit Trafficking. Neuroscience bulletin.

Martínez-Rivera A, et al. (2023) Cav1.3 L-type Ca2+ channel-activated CaMKII/ERK2 pathway in the ventral tegmental area is required for cocaine conditioned place preference. Neuropharmacology, 224, 109368.

Monsorno K, et al. (2023) Loss of microglial MCT4 leads to defective synaptic pruning and anxiety-like behavior in mice. Nature communications, 14(1), 5749.

Stil A, et al. (2023) A simple method for poly-D-lysine coating to enhance adhesion and maturation of primary cortical neuron cultures in vitro. Frontiers in cellular neuroscience, 17, 1212097.

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

Wright AL, et al. (2023) The Q/R editing site of AMPA receptor GluA2 subunit acts as an epigenetic switch regulating dendritic spines, neurodegeneration and cognitive deficits in Alzheimer's disease. Molecular neurodegeneration, 18(1), 65.