

Resource Summary Report

Generated by [RRID](#) on Aug 9, 2026

Anti-Glutamate Receptor 2 & 3

RRID:AB_90710

Type: Antibody

Proper Citation

Millipore Cat# AB1506, RRID:AB_90710

Antibody Information

URL: http://antibodyregistry.org/AB_90710

Proper Citation: Millipore Cat# AB1506, RRID:AB_90710

Target Antigen: Glutamate Receptor 2 & 3

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: IH(P), IC, IH, IP, WB; Immunohistochemistry; Western Blot; Immunocytochemistry; Immunoprecipitation

Antibody Name: Anti-Glutamate Receptor 2 & 3

Description: This polyclonal targets Glutamate Receptor 2 & 3

Target Organism: h, gp, gr, ht, m, r, mk

Defining Citation: [PMID:17366611](#), [PMID:19006199](#), [PMID:18335497](#), [PMID:18615559](#), [PMID:17299760](#), [PMID:20394057](#), [PMID:21452215](#), [PMID:16927255](#), [PMID:18623177](#), [PMID:20963825](#)

Antibody ID: AB_90710

Vendor: Millipore

Catalog Number: AB1506

Record Creation Time: 20250820T012301+0000

Record Last Update: 20250820T104701+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Glutamate Receptor 2 & 3.

No alerts have been found for Anti-Glutamate Receptor 2 & 3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Ba W, et al. (2026) Wake-active brainstem GABA neurons signal sleep pressure by upregulating AMPA receptors to drive recovery sleep. *Current biology* : CB, 36(11), 2823.

Xu B, et al. (2026) Ketamine Responsiveness of Mice Exhibiting Anorexia-Like Behavior Correlates With Synaptic AMPA Receptor Distribution. *Synapse (New York, N.Y.)*, 80(3), e70046.

Mayadali ÜS, et al. (2025) Transmitter and ion channel profiles of saccadic omnipause neurons and cholinergic non-omnipause neurons in human nucleus raphe interpositus. *Frontiers in neuroanatomy*, 19, 1670220.

Fernández Del Campo IS, et al. (2025) Anodal direct current stimulation of the auditory cortex at the onset of presbycusis delays cortical aging. *Brain structure & function*, 230(4), 56.

Jeong M, et al. (2024) Maladaptation of dentate gyrus mossy cells mediates contextual discrimination deficit after traumatic stress. *Cell reports*, 43(4), 114000.

Huang LW, et al. (2024) Context and space coding in mossy cell population activity. *Cell reports*, 43(7), 114386.

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.

Jain S, et al. (2024) Increasing adult-born neurons protects mice from epilepsy. *eLife*, 12.

Li H, et al. (2024) Silencing dentate newborn neurons alters excitatory/inhibitory balance and impairs behavioral inhibition and flexibility. *Science advances*, 10(2), eadk4741.

Carlton AJ, et al. (2024) BAI1 localizes AMPA receptors at the cochlear afferent post-synaptic density and is essential for hearing. *Cell reports*, 43(4), 114025.

Botterill JJ, et al. (2024) Dorsal peduncular cortex activity modulates affective behavior and fear extinction in mice. *Neuropsychopharmacology* : official publication of the American College of Neuropsychopharmacology.

Roda E, et al. (2023) Cognitive Healthy Aging in Mice: Boosting Memory by an Ergothioneine-Rich *Herichium erinaceus* Primordium Extract. *Biology*, 12(2).

Jain S, et al. (2023) Increasing adult neurogenesis protects mice from epilepsy. *bioRxiv* : the preprint server for biology.

Paplou VG, et al. (2023) Functional, Morphological and Molecular Changes Reveal the Mechanisms Associated with Age-Related Vestibular Loss. *Biomolecules*, 13(9).

Hayashi MK, et al. (2022) Neurons Induce Tiled Astrocytes with Branches That Avoid Each Other. *International journal of molecular sciences*, 23(8).

Yen TY, et al. (2022) Inhibitory projections connecting the dentate gyri in the two hemispheres support spatial and contextual memory. *Cell reports*, 39(7), 110831.

Wu X, et al. (2022) Synaptic hyperexcitability of cytomegalic pyramidal neurons contributes to epileptogenesis in tuberous sclerosis complex. *Cell reports*, 40(3), 111085.

Steiner A, et al. (2022) Glucagon-like peptide-1 receptor differentially controls mossy cell activity across the dentate gyrus longitudinal axis. *Hippocampus*, 32(11-12), 797.

Lu T, et al. (2022) 3D imaging of supraspinal inputs to the thoracic and lumbar spinal cord mapped by retrograde tracing and light-sheet microscopy. *Journal of neurochemistry*, 162(4), 352.

Mayadali ÜS, et al. (2021) Transmitter and ion channel profiles of neurons in the primate abducens and trochlear nuclei. *Brain structure & function*, 226(7), 2125.