Resource Summary Report

Generated by RRID on Jul 29, 2026

Anti-GABA-A receptor gamma2

RRID:AB_10594245
Type: Antibody

Proper Citation

Synaptic Systems Cat# 224 004, RRID:AB_10594245

Antibody Information

URL: http://antibodyregistry.org/AB_10594245

Proper Citation: Synaptic Systems Cat# 224 004, RRID:AB_10594245

Target Antigen: GABA-A receptor gamma2

Host Organism: guinea pig

Clonality: polyclonal

Comments: Applications: IP,ICC,IHC

Antibody Name: Anti-GABA-A receptor gamma2

Description: This polyclonal targets GABA-A receptor gamma2

Target Organism: Human, Rat, Mouse

Antibody ID: AB_10594245

Vendor: Synaptic Systems

Catalog Number: 224 004

Record Creation Time: 20250819T213953+0000

Record Last Update: 20250819T234139+0000

Ratings and Alerts

No rating or validation information has been found for Anti-GABA-A receptor gamma2.

No alerts have been found for Anti-GABA-A receptor gamma2.

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 RRID .

Burch AM, et al. (2024) TRPM2 and CaMKII Signaling Drives Excessive GABAergic Synaptic Inhibition Following Ischemia. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(19).

Welle TM, et al. (2024) miRNA-mediated control of gephyrin synthesis drives sustained inhibitory synaptic plasticity. EMBO reports, 25(11), 5141.

Wang G, et al. (2024) The TMEM132B-GABAA receptor complex controls alcohol actions in the brain. Cell, 187(23), 6649.

Garcia JD, et al. (2023) Distinct mechanisms drive sequential internalization and degradation of GABAARs during global ischemia and reperfusion injury. iScience, 26(10), 108061.

Olah SS, et al. (2023) Acute reorganization of postsynaptic GABAA receptors reveals the functional impact of molecular nanoarchitecture at inhibitory synapses. Cell reports, 42(11), 113331.

Kleinjan MS, et al. (2023) Dually innervated dendritic spines develop in the absence of excitatory activity and resist plasticity through tonic inhibitory crosstalk. Neuron, 111(3), 362.

Lorenz-Guertin JM, et al. (2023) Inhibitory and excitatory synaptic neuroadaptations in the diazepam tolerant brain. Neurobiology of disease, 185, 106248.

Cheng S, et al. (2022) Vision-dependent specification of cell types and function in the developing cortex. Cell, 185(2), 311.

Guzikowski NJ, et al. (2022) Nano-organization of spontaneous GABAergic transmission directs its autonomous function in neuronal signaling. Cell reports, 40(6), 111172.

Merlaud Z, et al. (2022) Conformational state-dependent regulation of GABAA receptor diffusion and subsynaptic domains. iScience, 25(11), 105467.

Halff EF, et al. (2022) Phosphorylation of neuroligin-2 by PKA regulates its cell surface abundance and synaptic stabilization. Science signaling, 15(739), eabg2505.

Garcia JD, et al. (2021) Stepwise disassembly of GABAergic synapses during pathogenic excitotoxicity. Cell reports, 37(12), 110142.

Rajgor D, et al. (2020) Local miRNA-Dependent Translational Control of GABAAR Synthesis during Inhibitory Long-Term Potentiation. Cell reports, 31(12), 107785.

Halff EF, et al. (2019) SNX27-Mediated Recycling of Neuroligin-2 Regulates Inhibitory Signaling. Cell reports, 29(9), 2599.

Davenport EC, et al. (2019) Autism and Schizophrenia-Associated CYFIP1 Regulates the Balance of Synaptic Excitation and Inhibition. Cell reports, 26(8), 2037.

Crosby KC, et al. (2019) Nanoscale Subsynaptic Domains Underlie the Organization of the Inhibitory Synapse. Cell reports, 26(12), 3284.

Kerti-Szigeti K, et al. (2016) Similar GABAA receptor subunit composition in somatic and axon initial segment synapses of hippocampal pyramidal cells. eLife, 5.