

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 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 18 mentions in open access literature.

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

Dos Santos M, et al. (2026) Soluble β 27-1, altered in disease CSF, modulates network homeostasis and rescues deficits in a neuropsychiatric mouse model. *Neuron*, 114(12), 2128.

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

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).

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

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.

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

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.

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

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.

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.

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

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

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.