

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Anti-Gephyrin

RRID:AB_2661777

Type: Antibody

Proper Citation

Synaptic Systems Cat# 147 318, RRID:AB_2661777

Antibody Information

URL: http://antibodyregistry.org/AB_2661777

Proper Citation: Synaptic Systems Cat# 147 318, RRID:AB_2661777

Target Antigen: Gephyrin

Host Organism: guinea pig

Clonality: monoclonal

Comments: Applications: ICC,IHC. KO validated

Antibody Name: Anti-Gephyrin

Description: This monoclonal targets Gephyrin

Target Organism: Human, Rat, Zebrafish, Pig, Mouse, Goldfish

Clone ID: GpmAb7a

Antibody ID: AB_2661777

Vendor: Synaptic Systems

Catalog Number: 147 318

Record Creation Time: 20250819T231940+0000

Record Last Update: 20250820T050001+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Gephyrin.

No alerts have been found for Anti-Gephyrin.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Nicholson L, et al. (2025) Insulin resistance alters cortical inhibitory neurons and microglia to exacerbate Alzheimer's knock-in mouse phenotypes. bioRxiv : the preprint server for biology.

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

Li HY, et al. (2023) A thalamic-primary auditory cortex circuit mediates resilience to stress. Cell, 186(7), 1352.

Stevenson ME, et al. (2023) Neuronal activation of G??q EGL-30/GNAQ late in life rejuvenates cognition across species. Cell reports, 42(9), 113151.

Babij R, et al. (2023) Gabrb3 is required for the functional integration of pyramidal neuron subtypes in the somatosensory cortex. Neuron, 111(2), 256.

Zheng X, et al. (2023) Preclinical long-term safety of intraspinal transplantation of human dorsal spinal GABA neural progenitor cells. iScience, 26(11), 108306.

Hooshmandi M, et al. (2021) 4E-BP2-dependent translation in cerebellar Purkinje cells controls spatial memory but not autism-like behaviors. Cell reports, 35(4), 109036.

Yeo SH, et al. (2021) Morphological assessment of GABA and glutamate inputs to GnRH neurons in intact female mice using expansion microscopy. Journal of neuroendocrinology, 33(9), e13021.

Wang L, et al. (2020) Different dendritic domains of the GnRH neuron underlie the pulse and surge modes of GnRH secretion in female mice. eLife, 9.

Pan H, et al. (2019) Identification of a Spinal Circuit for Mechanical and Persistent Spontaneous Itch. Neuron, 103(6), 1135.