Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

Anti-Gephyrin

RRID:AB_2619834
Type: Antibody

Proper Citation

(Synaptic Systems Cat# 147 008, RRID:AB_2619834)

Antibody Information

URL: http://antibodyregistry.org/AB_2619834

Proper Citation: (Synaptic Systems Cat# 147 008, RRID:AB_2619834)

Target Antigen: Gephyrin

Host Organism: rabbit

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: RbmAb7a

Antibody ID: AB_2619834

Vendor: Synaptic Systems

Catalog Number: 147 008

Record Creation Time: 20231110T034858+0000

Record Last Update: 20240725T071815+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 14 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Randolph LK, et al. (2024) Regulation of synapse density by Pumilio RNA-binding proteins. Cell reports, 43(10), 114747.

Kim J, et al. (2024) Presynaptic Rac1 in the hippocampus selectively regulates working memory. eLife, 13.

Wang YZ, et al. (2024) Neuron type-specific proteomics reveals distinct Shank3 proteoforms in iSPNs and dSPNs lead to striatal synaptopathy in Shank3B-/- mice. Molecular psychiatry.

Gutierrez-Castellanos N, et al. (2024) A hypothalamic node for the cyclical control of female sexual rejection. Neuron.

Tetzlaff SK, et al. (2024) Characterizing and targeting glioblastoma neuron-tumor networks with retrograde tracing. Cell.

Cramer TML, et al. (2023) Adamtsl3 mediates DCC signaling to selectively promote GABAergic synapse function. Cell reports, 42(8), 112947.

Sanchez-Aguilera A, et al. (2023) Machine learning identifies experimental brain metastasis subtypes based on their influence on neural circuits. Cancer cell, 41(9), 1637.

Ortega-de San Luis C, et al. (2023) Engram cell connectivity as a mechanism for information encoding and memory function. Current biology : CB, 33(24), 5368.

Campbell BFN, et al. (2022) A DARPin-based molecular toolset to probe gephyrin and inhibitory synapse biology. eLife, 11.

Djemil S, et al. (2021) Central Cholinergic Synapse Formation in Optimized Primary Septal-Hippocampal Co-cultures. Cellular and molecular neurobiology, 41(8), 1787.

Zhao XF, et al. (2020) Microglial mTOR is Neuronal Protective and Antiepileptogenic in the Pilocarpine Model of Temporal Lobe Epilepsy. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(40), 7593.

Restrepo S, et al. (2019) Modeling a Neurexin-3? Human Mutation in Mouse Neurons Identifies a Novel Role in the Regulation of Transsynaptic Signaling and Neurotransmitter Release at Excitatory Synapses. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(46), 9065.

Nathanson AJ, et al. (2019) Identification of a Core Amino Acid Motif within the ? Subunit of GABAARs that Promotes Inhibitory Synaptogenesis and Resilience to Seizures. Cell reports, 28(3), 670.

Hartzell AL, et al. (2018) NPAS4 recruits CCK basket cell synapses and enhances cannabinoid-sensitive inhibition in the mouse hippocampus. eLife, 7.