

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

Anti-Synapsin 1

RRID:AB_2619772

Type: Antibody

Proper Citation

Synaptic Systems Cat# 106 011, RRID:AB_2619772

Antibody Information

URL: http://antibodyregistry.org/AB_2619772

Proper Citation: Synaptic Systems Cat# 106 011, RRID:AB_2619772

Target Antigen: Synapsin 1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB,IP,ICC,IHC,IHC-P,EM,ELISA. KO validated

Antibody Name: Anti-Synapsin 1

Description: This monoclonal targets Synapsin 1

Target Organism: Human, Rat, Zebrafish, Mammals, Mouse, Chicken, Other Vertebrates

Clone ID: 46.1

Antibody ID: AB_2619772

Vendor: Synaptic Systems

Catalog Number: 106 011

Record Creation Time: 20231110T034858+0000

Record Last Update: 20260901T042236+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Synapsin 1.

No alerts have been found for Anti-Synapsin 1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Schubert C, et al. (2025) Neuroinflammation causes mitral cell dysfunction and olfactory impairment in a multiple sclerosis model. *Journal of neuroinflammation*, 22(1), 71.

Köhler I, et al. (2025) Activation of GluN2D-containing NMDA receptors promotes development of axons and axon-carrying dendrites of cortical interneurons. *Cerebral cortex (New York, N.Y. : 1991)*, 35(6).

Saber SH, et al. (2025) DDHD2 provides a flux of saturated fatty acids for neuronal energy and function. *Nature metabolism*, 7(10), 2117.

Kim KH, et al. (2024) Integrated proteogenomic characterization of glioblastoma evolution. *Cancer cell*, 42(3), 358.

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

Bowles KR, et al. (2024) Development of MAPT S305 mutation human iPSC lines exhibiting elevated 4R tau expression and functional alterations in neurons and astrocytes. *Cell reports*, 43(12), 115013.

Li X, et al. (2024) Polygenic risk for alcohol use disorder affects cellular responses to ethanol exposure in a human microglial cell model. *Science advances*, 10(45), eado5820.

Haddad S, et al. (2024) A biallelic mutation in CACNA2D2 associated with developmental and epileptic encephalopathy affects calcium channel-dependent as well as synaptic functions of $\text{Ca}_v2.2$. *Journal of neurochemistry*.

Barone I, et al. (2023) Synaptic BMAL1 phosphorylation controls circadian hippocampal plasticity. *Science advances*, 9(43), eadj1010.

Ben-Tov M, et al. (2023) A neural hub for holistic courtship displays. *Current biology : CB*, 33(9), 1640.

Monsorno K, et al. (2023) Loss of microglial MCT4 leads to defective synaptic pruning and anxiety-like behavior in mice. *Nature communications*, 14(1), 5749.

Falkovich R, et al. (2023) A synaptic molecular dependency network in knockdown of autism- and schizophrenia-associated genes revealed by multiplexed imaging. *Cell reports*, 42(5), 112430.

Goldsmith J, et al. (2022) Brain-derived autophagosome profiling reveals the engulfment of nucleoid-enriched mitochondrial fragments by basal autophagy in neurons. *Neuron*, 110(6), 967.

Lipstein N, et al. (2021) Munc13-1 is a Ca²⁺-phospholipid-dependent vesicle priming hub that shapes synaptic short-term plasticity and enables sustained neurotransmission. *Neuron*, 109(24), 3980.

Conde-Dusman MJ, et al. (2021) Control of protein synthesis and memory by GluN3A-NMDA receptors through inhibition of GIT1/mTORC1 assembly. *eLife*, 10.

Vilcaes AA, et al. (2021) Interneuronal exchange and functional integration of synaptobrevin via extracellular vesicles. *Neuron*, 109(6), 971.

Chanaday NL, et al. (2021) Presynaptic store-operated Ca²⁺ entry drives excitatory spontaneous neurotransmission and augments endoplasmic reticulum stress. *Neuron*, 109(8), 1314.

Zhang RS, et al. (2020) Latrophilin-2 and latrophilin-3 are redundantly essential for parallel-fiber synapse function in cerebellum. *eLife*, 9.

Poston RG, et al. (2020) Certain ortho-hydroxylated brominated ethers are promiscuous kinase inhibitors that impair neuronal signaling and neurodevelopmental processes. *The Journal of biological chemistry*, 295(18), 6120.

Oku S, et al. (2020) Alternative splicing at neuroligin site A regulates glycan interaction and synaptogenic activity. *eLife*, 9.