

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

Anti-Synaptoporin

RRID:AB_887841

Type: Antibody

Proper Citation

Synaptic Systems Cat# 102 002, RRID:AB_887841

Antibody Information

URL: http://antibodyregistry.org/AB_887841

Proper Citation: Synaptic Systems Cat# 102 002, RRID:AB_887841

Target Antigen: Synaptoporin

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB,IP,ICC,IHC,IHC-P

Antibody Name: Anti-Synaptoporin

Description: This polyclonal targets Synaptoporin

Target Organism: Rat, Mouse, Hamster

Defining Citation: [PMID:19924828](#)

Antibody ID: AB_887841

Vendor: Synaptic Systems

Catalog Number: 102 002

Record Creation Time: 20250820T001011+0000

Record Last Update: 20250820T073320+0000

Ratings and Alerts

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

No alerts have been found for Anti-Synaptoporin.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Bershteyn M, et al. (2025) Human stem cell-derived GABAergic interneuron development reveals early emergence of subtype diversity and gradual electrochemical maturation. *Neuron*.

Ribeiro-Rodrigues L, et al. (2025) Cleavage of the TrkB-FL receptor during epileptogenesis: insights from a kainic acid-induced model of epilepsy and human samples. *Pharmacological research*, 215, 107707.

Ageta-Ishihara N, et al. (2025) Septin 3 regulates memory and L-LTP-dependent extension of endoplasmic reticulum into spines. *Cell reports*, 44(3), 115352.

Reuss S, et al. (2023) Synaptoporin and parathyroid hormone 2 as markers of multimodal inputs to the auditory brainstem. *Journal of chemical neuroanatomy*, 130, 102259.

Karpf J, et al. (2022) Dentate gyrus astrocytes exhibit layer-specific molecular, morphological and physiological features. *Nature neuroscience*, 25(12), 1626.

Kim J, et al. (2022) LRRTM3 regulates activity-dependent synchronization of synapse properties in topographically connected hippocampal neural circuits. *Proceedings of the National Academy of Sciences of the United States of America*, 119(3).

Largo-Barrientos P, et al. (2021) Lowering Synaptogyrin-3 expression rescues Tau-induced memory defects and synaptic loss in the presence of microglial activation. *Neuron*, 109(5), 767.

Apóstolo N, et al. (2020) Synapse type-specific proteomic dissection identifies IgSF8 as a hippocampal CA3 microcircuit organizer. *Nature communications*, 11(1), 5171.

Khuu MA, et al. (2019) Intermittent Hypoxia Disrupts Adult Neurogenesis and Synaptic Plasticity in the Dentate Gyrus. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(7), 1320.

Suh J, et al. (2019) Loss of Ataxin-1 Potentiates Alzheimer's Pathogenesis by Elevating Cerebral BACE1 Transcription. *Cell*, 178(5), 1159.

Raja MK, et al. (2019) Elevated synaptic vesicle release probability in synaptophysin/gyrin family quadruple knockouts. *eLife*, 8.

Condomitti G, et al. (2018) An Input-Specific Orphan Receptor GPR158-HSPG Interaction Organizes Hippocampal Mossy Fiber-CA3 Synapses. *Neuron*, 100(1), 201.

Körholz JC, et al. (2018) Selective increases in inter-individual variability in response to environmental enrichment in female mice. *eLife*, 7.

Sando R, et al. (2017) Assembly of Excitatory Synapses in the Absence of Glutamatergic Neurotransmission. *Neuron*, 94(2), 312.

Basu R, et al. (2017) Heterophilic Type II Cadherins Are Required for High-Magnitude Synaptic Potentiation in the Hippocampus. *Neuron*, 96(1), 160.

Heise C, et al. (2016) Selective Localization of Shanks to VGLUT1-Positive Excitatory Synapses in the Mouse Hippocampus. *Frontiers in cellular neuroscience*, 10, 106.