

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

Synapsin I antibody - Synaptic Marker

RRID:AB_2200097

Type: Antibody

Proper Citation

Abcam Cat# ab8, RRID:AB_2200097

Antibody Information

URL: http://antibodyregistry.org/AB_2200097

Proper Citation: Abcam Cat# ab8, RRID:AB_2200097

Target Antigen: SYN1

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunoprecipitation, immunohistochemistry, immunocytochemistry

Antibody Name: Synapsin I antibody - Synaptic Marker

Description: This polyclonal targets SYN1

Target Organism: cow, mouse, human

Antibody ID: AB_2200097

Vendor: Abcam

Catalog Number: ab8

Record Creation Time: 20250819T225046+0000

Record Last Update: 20250820T032905+0000

Ratings and Alerts

No rating or validation information has been found for Synapsin I antibody - Synaptic Marker.

No alerts have been found for Synapsin I antibody - Synaptic Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Bouwman LF, et al. (2026) Loss of astrocytic markers and impaired metabolic function in spinocerebellar ataxia type 7 patient-derived neural cultures. *Neurobiology of disease*, 227, 107477.

Emperador-Melero J, et al. (2026) Deployment of endocytic machinery to periaxial zones of nerve terminals is independent of active zone assembly and evoked release. *eLife*, 14.

Barata MA, et al. (2025) Alzheimer's genetic risk factor Bin1 controls synapse vesicle exo-endocytosis in inhibitory synapses. *Cell reports*, 44(8), 116005.

Kern A, et al. (2025) Analysis of neuronal activity impairment in iPSC-derived neurons from idiopathic autism patients. *iScience*, 28(10), 113615.

Díaz-Valdivia N, et al. (2025) Anti-P antibodies that impair memory perturb hippocampal glutamatergic receptor trafficking, synapse structure and microglia. *Molecular medicine (Cambridge, Mass.)*, 31(1), 290.

Chin M, et al. (2024) The intracellular C-terminus confers compartment-specific targeting of voltage-gated calcium channels. *Cell reports*, 43(7), 114428.

Sun J, et al. (2023) Mutations in the transcriptional regulator MeCP2 severely impact key cellular and molecular signatures of human astrocytes during maturation. *Cell reports*, 42(1), 111942.

Chin M, et al. (2023) The intracellular C-terminus confers compartment-specific targeting of voltage-gated Ca²⁺ channels. *bioRxiv : the preprint server for biology*.

Romano LEL, et al. (2022) Multi-omic profiling reveals the ataxia protein sacs1 is required for integrin trafficking and synaptic organization. *Cell reports*, 41(5), 111580.

Li SS, et al. (2022) Electroacupuncture treatment improves motor function and neurological outcomes after cerebral ischemia/reperfusion injury. *Neural regeneration research*, 17(7), 1545.

Lodes DE, et al. (2022) E3 ubiquitin ligase Nedd4-2 exerts neuroprotective effects during endoplasmic reticulum stress. *Journal of neurochemistry*, 160(6), 613.

Gaikwad S, et al. (2021) Tau oligomer induced HMGB1 release contributes to cellular senescence and neuropathology linked to Alzheimer's disease and frontotemporal

dementia. *Cell reports*, 36(3), 109419.

Seyer B, et al. (2020) Insulin-regulated aminopeptidase inhibitor-mediated increases in dendritic spine density are facilitated by glucose uptake. *Journal of neurochemistry*, 153(4), 485.

Robert J, et al. (2020) An in vitro bioengineered model of the human arterial neurovascular unit to study neurodegenerative diseases. *Molecular neurodegeneration*, 15(1), 70.

Held RG, et al. (2020) Synapse and Active Zone Assembly in the Absence of Presynaptic Ca^{2+} Channels and Ca^{2+} Entry. *Neuron*, 107(4), 667.

Espinoza S, et al. (2020) Neuronal surface P antigen (NSPA) modulates postsynaptic NMDAR stability through ubiquitination of tyrosine phosphatase PTPMEG. *BMC biology*, 18(1), 164.

Lin CY, et al. (2019) Extracellular Pdgk1 enhances neurite outgrowth of motoneurons through Nogo66/NgR-independent targeting of NogoA. *eLife*, 8.

Kullmann FA, et al. (2018) Serotonergic paraneurons in the female mouse urethral epithelium and their potential role in peripheral sensory information processing. *Acta physiologica (Oxford, England)*, 222(2).

Yamanaka R, et al. (2018) GABA-Induced Intracellular Mg^{2+} Mobilization Integrates and Coordinates Cellular Information Processing for the Maturation of Neural Networks. *Current biology : CB*, 28(24), 3984.