

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 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: 20250819T234318+0000

Record Last Update: 20250820T061258+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 [dkNET](#) .

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 periaxonal 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.

D??az-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.

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

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.

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

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

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.