

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

Anti-Synapsin 1/2

RRID:AB_1106784

Type: Antibody

Proper Citation

Synaptic Systems Cat# 106 004, RRID:AB_1106784

Antibody Information

URL: http://antibodyregistry.org/AB_1106784

Proper Citation: Synaptic Systems Cat# 106 004, RRID:AB_1106784

Target Antigen: Synapsin 1/2

Host Organism: guinea pig

Clonality: polyclonal

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

Antibody Name: Anti-Synapsin 1/2

Description: This polyclonal targets Synapsin 1/2

Target Organism: rat, hamster, cow, mouse, zebrafish, human

Antibody ID: AB_1106784

Vendor: Synaptic Systems

Catalog Number: 106 004

Record Creation Time: 20250820T001803+0000

Record Last Update: 20250820T075424+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Synapsin 1/2.

No alerts have been found for Anti-Synapsin 1/2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Øhlenschläger MS, et al. (2026) Multi-omic analysis of guided and unguided forebrain organoids reveals differences in cellular composition and metabolic profiles. *Cell reports methods*, 6(2), 101295.

Ho S, et al. (2026) Synaptophysin autoantibodies mediate synaptic dysfunction in cerebellar ataxia. *Cell reports. Medicine*, 7(6), 102822.

Kumar M, et al. (2025) Triglycerides are an important fuel reserve for synapse function in the brain. *Nature metabolism*, 7(7), 1392.

Zengeler KE, et al. (2025) Inflammasome signaling in astrocytes modulates hippocampal plasticity. *Immunity*, 58(6), 1519.

Kokotos AC, et al. (2024) Phosphoglycerate kinase is a central leverage point in Parkinson's disease-driven neuronal metabolic deficits. *Science advances*, 10(34), eadn6016.

Saenz J, et al. (2024) Parkinson's disease gene, Synптоjanin1, dysregulates the surface maintenance of the dopamine transporter. *NPJ Parkinson's disease*, 10(1), 148.

Shan X, et al. (2024) Fully defined NGN2 neuron protocol reveals diverse signatures of neuronal maturation. *Cell reports methods*, 4(9), 100858.

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

Aiken J, et al. (2024) Spastin locally amplifies microtubule dynamics to pattern the axon for presynaptic cargo delivery. *Current biology : CB*, 34(8), 1687.

Woo MS, et al. (2024) STING orchestrates the neuronal inflammatory stress response in multiple sclerosis. *Cell*, 187(15), 4043.

Oestreicher D, et al. (2024) CaBP1 and 2 enable sustained CaV1.3 calcium currents and synaptic transmission in inner hair cells. *eLife*, 13.

Kokotos AC, et al. (2023) Phosphoglycerate kinase is a central leverage point in Parkinson's Disease driven neuronal metabolic deficits. *bioRxiv : the preprint server for biology*.

Wang S, et al. (2023) Generation of glutamatergic/GABAergic neuronal co-cultures derived from human induced pluripotent stem cells for characterizing E/I balance in vitro.

STAR protocols, 4(1), 101967.

Saenz J, et al. (2023) Cocaine-regulated trafficking of dopamine transporters in cultured neurons revealed by a pH sensitive reporter. *iScience*, 26(1), 105782.

Beccano-Kelly DA, et al. (2023) Calcium dysregulation combined with mitochondrial failure and electrophysiological maturity converge in Parkinson's iPSC-dopamine neurons. *iScience*, 26(7), 107044.

Wang S, et al. (2022) Loss-of-function variants in the schizophrenia risk gene SETD1A alter neuronal network activity in human neurons through the cAMP/PKA pathway. *Cell reports*, 39(5), 110790.

Müller JA, et al. (2022) A presynaptic phosphosignaling hub for lasting homeostatic plasticity. *Cell reports*, 39(3), 110696.

Matsuura K, et al. (2022) Synaptotagmin 2 is ectopically overexpressed in excitatory presynapses of a widely used CaMK α -Cre mouse line. *iScience*, 25(8), 104692.

López-Hernández T, et al. (2022) Clathrin-independent endocytic retrieval of SV proteins mediated by the clathrin adaptor AP-2 at mammalian central synapses. *eLife*, 11.

Liu GT, et al. (2022) Endosomal phosphatidylinositol 3-phosphate controls synaptic vesicle cycling and neurotransmission. *The EMBO journal*, 41(9), e109352.