

# Resource Summary Report

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## Anti-Synapsin 1/2

RRID:AB\_1106784

Type: Antibody

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### Proper Citation

(Synaptic Systems Cat# 106 004, RRID:AB\_1106784)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_1106784](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:** 20231110T061517+0000

**Record Last Update:** 20241115T080944+0000

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### 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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 30 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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, Synaptojanin1, dysregulates the surface maintenance of the dopamine transporter. *NPJ Parkinson's disease*, 10(1), 148.

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

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

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.

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.

Müller JA, et al. (2022) A presynaptic phosphosignaling hub for lasting homeostatic plasticity.

Cell reports, 39(3), 110696.

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.

Matsuura K, et al. (2022) Synaptotagmin 2 is ectopically overexpressed in excitatory presynapses of a widely used CaMK $\alpha$ -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.

Wani A, et al. (2021) Neuronal VCP loss of function recapitulates FTLD-TDP pathology. Cell reports, 36(3), 109399.

Reitz SJ, et al. (2021) Enhanced Multiplexing of Immunofluorescence Microscopy Using a Long-Stokes-Shift Fluorophore. Current protocols, 1(8), e214.

Hua Y, et al. (2021) Electron Microscopic Reconstruction of Neural Circuitry in the Cochlea. Cell reports, 34(1), 108551.

Reitz SJ, et al. (2021) SEQUIN: An imaging and analysis platform for quantification and characterization of synaptic structures in mouse. STAR protocols, 2(1), 100268.

Ivanova D, et al. (2020) CtBP1-Mediated Membrane Fission Contributes to Effective Recycling of Synaptic Vesicles. Cell reports, 30(7), 2444.