Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 1, 2024

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

Antibody ID: AB_1106784

Vendor: Synaptic Systems

Catalog Number: 106 004

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 24 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.

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. (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.

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.

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???-Cre mouse line. iScience, 25(8), 104692.

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

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.

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

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

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

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

Klein Gunnewiek TM, et al. (2020) m.3243A > G-Induced Mitochondrial Dysfunction Impairs Human Neuronal Development and Reduces Neuronal Network Activity and Synchronicity. Cell reports, 31(3), 107538.

Arias-Hervert ER, et al. (2020) Actions of Rab27B-GTPase on mammalian central excitatory synaptic transmission. Physiological reports, 8(9), e14428.

Sauerbeck AD, et al. (2020) SEQUIN Multiscale Imaging of Mammalian Central Synapses Reveals Loss of Synaptic Connectivity Resulting from Diffuse Traumatic Brain Injury. Neuron, 107(2), 257.

Guedes-Dias P, et al. (2019) Kinesin-3 Responds to Local Microtubule Dynamics to Target Synaptic Cargo Delivery to the Presynapse. Current biology : CB, 29(2), 268.

Heck J, et al. (2019) Transient Confinement of CaV2.1 Ca2+-Channel Splice Variants Shapes Synaptic Short-Term Plasticity. Neuron, 103(1), 66.

Sanford L, et al. (2019) Intracellular Zn2+ transients modulate global gene expression in dissociated rat hippocampal neurons. Scientific reports, 9(1), 9411.