Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

Synaptotagmin antibody - Zinn, K.; California Institute of Technology

RRID:AB_528483
Type: Antibody

Proper Citation

(DSHB Cat# 3H2 2D7, RRID:AB_528483)

Antibody Information

URL: http://antibodyregistry.org/AB_528483

Proper Citation: (DSHB Cat# 3H2 2D7, RRID:AB_528483)

Target Antigen: Synaptotagmin

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence,Immunohistochemistry,Western Blot; Date Deposited: 03/16/2004

Antibody Name: Synaptotagmin antibody - Zinn, K.; California Institute of Technology

Description: This monoclonal targets Synaptotagmin

Target Organism: Drosophila, Crayfish, Mouse, Insect

Defining Citation: PMID:22952471, PMID:22593074, PMID:15541314, PMID:11745650, PMID:23819996, PMID:24052353, PMID:23238721, PMID:19771148, PMID:19148932, PMID:23526379

Antibody ID: AB_528483

Vendor: DSHB

Catalog Number: 3H2 2D7

Record Creation Time: 20231110T044218+0000

Record Last Update: 20241115T114937+0000

Ratings and Alerts

No rating or validation information has been found for Synaptotagmin antibody - Zinn, K.; California Institute of Technology.

No alerts have been found for Synaptotagmin antibody - Zinn, K.; California Institute of Technology.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Ramesh N, et al. (2023) An antagonism between Spinophilin and Syd-1 operates upstream of memory-promoting presynaptic long-term plasticity. eLife, 12.

Hendricks EL, et al. (2022) The CD63 homologs, Tsp42Ee and Tsp42Eg, restrict endocytosis and promote neurotransmission through differential regulation of synaptic vesicle pools. Frontiers in cellular neuroscience, 16, 957232.

Kohrs FE, et al. (2021) Systematic functional analysis of rab GTPases reveals limits of neuronal robustness to environmental challenges in flies. eLife, 10.

Joviano-Santos JV, et al. (2021) Motoneuron-specific loss of VAChT mimics neuromuscular defects seen in congenital myasthenic syndrome. The FEBS journal, 288(18), 5331.

Khan A, et al. (2020) Membrane and synaptic defects leading to neurodegeneration in Adar mutant Drosophila are rescued by increased autophagy. BMC biology, 18(1), 15.

Valadão PAC, et al. (2019) Abnormalities in the Motor Unit of a Fast-Twitch Lower Limb Skeletal Muscle in Huntington's Disease. ASN neuro, 11, 1759091419886212.

Jin EJ, et al. (2018) Live Observation of Two Parallel Membrane Degradation Pathways at Axon Terminals. Current biology : CB, 28(7), 1027.

Koon AC, et al. (2018) Drosophila Exo70 Is Essential for Neurite Extension and Survival under Thermal Stress. The Journal of neuroscience : the official journal of the Society for

Neuroscience, 38(37), 8071.

Coyle IP, et al. (2014) Confocal imaging of fluorescently labeled proteins in the Drosophila larval neuromuscular junction. Methods in molecular biology (Clifton, N.J.), 1075, 201.

Hourai A, et al. (2013) Neurogenesis in the circumventricular organs of adult mouse brains. Journal of neuroscience research, 91(6), 757.

Kim M, et al. (2013) Drosophila Fip200 is an essential regulator of autophagy that attenuates both growth and aging. Autophagy, 9(8), 1201.

Stevens RJ, et al. (2012) Abnormal synaptic vesicle biogenesis in Drosophila synaptogyrin mutants. The Journal of neuroscience : the official journal of the Society for Neuroscience, 32(50), 18054.

Ikeno H, et al. (2012) Development of a scheme and tools to construct a standard moth brain for neural network simulations. Computational intelligence and neuroscience, 2012, 795291.

Beck ES, et al. (2012) Regulation of Fasciclin II and synaptic terminal development by the splicing factor beag. The Journal of neuroscience : the official journal of the Society for Neuroscience, 32(20), 7058.

Fukushima R, et al. (2009) Modular subdivision of mushroom bodies by Kenyon cells in the silkmoth. The Journal of comparative neurology, 513(3), 315.

Johnson EL, et al. (2009) Negative regulation of active zone assembly by a newly identified SR protein kinase. PLoS biology, 7(9), e1000193.

Menon KP, et al. (2004) The translational repressor Pumilio regulates presynaptic morphology and controls postsynaptic accumulation of translation factor eIF-4E. Neuron, 44(4), 663.

Dubuque SH, et al. (2001) Immunolocalization of synaptotagmin for the study of synapses in the developing antennal lobe of Manduca sexta. The Journal of comparative neurology, 441(4), 277.