Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

Syntaxin antibody - Benzer, S. / Colley, N.; California Institute of Technology

RRID:AB_528484
Type: Antibody

Proper Citation

(DSHB Cat# 8c3, RRID:AB_528484)

Antibody Information

URL: http://antibodyregistry.org/AB_528484

Proper Citation: (DSHB Cat# 8c3, RRID:AB_528484)

Target Antigen: Syntaxin

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence,Immunohistochemistry,Immunoprecipitation,Western Blot; Date Deposited: 08/27/1998

Antibody Name: Syntaxin antibody - Benzer, S. / Colley, N.; California Institute of Technology

Description: This monoclonal targets Syntaxin

Target Organism: drosophila

Defining Citation:

PMID:12167411, PMID:19144852, PMID:11726512, PMID:12876219, PMID:16875690, PMID:17341138, PMID:10575024, PMID:17360970, PMID:20935638, PMID:16510714, PMID:17220882, PMID:24878565, PMID:11389191, PMID:22270918, PMID:24948803, PMID:19920133, PMID:9265652, PMID:23139745, PMID:12242238, PMID:22398725, PMID:9852562, PMID:17498701, PMID:6818557, PMID:20071510, PMID:21874015, PMID:16707805, PMID:21316453, PMID:11095753, PMID:17329360, PMID:25261468, PMID:9728921, PMID:11116220, PMID:21670199, PMID:10433270, PMID:8978057, PMID:15907473, PMID:24147113, PMID:18263852, PMID:24553921, PMID:23769723, PMID:12374848, PMID:23522045, PMID:24733584, PMID:25236598, PMID:20550966

Antibody ID: AB_528484

Vendor: DSHB

Catalog Number: 8c3

Record Creation Time: 20241017T002943+0000

Record Last Update: 20241017T021557+0000

Ratings and Alerts

No rating or validation information has been found for Syntaxin antibody - Benzer, S. / Colley, N.; California Institute of Technology.

No alerts have been found for Syntaxin antibody - Benzer, S. / Colley, N.; California Institute of Technology.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 64 mentions in open access literature.

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

Mariano V, et al. (2023) SREBP modulates the NADP+/NADPH cycle to control night sleep in Drosophila. Nature communications, 14(1), 763.

Tsarouhas V, et al. (2023) A surfactant lipid layer of endosomal membranes facilitates airway gas filling in Drosophila. Current biology : CB, 33(23), 5132.

Pandey M, et al. (2022) Purification of exosome-enriched proteins produced in a Drosophila cell line by size exclusion chromatography. STAR protocols, 3(4), 101834.

Shao L, et al. (2022) Upregulation of IP3 receptor mediates APP-induced defects in synaptic downscaling and sleep homeostasis. Cell reports, 38(13), 110594.

Pandey M, et al. (2021) miR-125-chinmo pathway regulates dietary restriction-dependent enhancement of lifespan in Drosophila. eLife, 10.

Huang S, et al. (2020) Presynaptic Active Zone Plasticity Encodes Sleep Need in Drosophila. Current biology : CB, 30(6), 1077.

Hope KA, et al. (2020) Transcriptomic and proteomic profiling of glial versus neuronal Dube3a overexpression reveals common molecular changes in gliopathic epilepsies. Neurobiology of disease, 141, 104879.

Agerschou ED, et al. (2019) An engineered monomer binding-protein for ?-synuclein efficiently inhibits the proliferation of amyloid fibrils. eLife, 8.

Weiss S, et al. (2019) Glial Ca2+signaling links endocytosis to K+ buffering around neuronal somas to regulate excitability. eLife, 8.

Imler E, et al. (2019) A Drosophila model of neuronal ceroid lipofuscinosis CLN4 reveals a hypermorphic gain of function mechanism. eLife, 8.

Tsai JW, et al. (2019) Transcriptional Feedback Links Lipid Synthesis to Synaptic Vesicle Pools in Drosophila Photoreceptors. Neuron, 101(4), 721.

Lauwers E, et al. (2018) Hsp90 Mediates Membrane Deformation and Exosome Release. Molecular cell, 71(5), 689.

Huang Y, et al. (2018) The glycosphingolipid MacCer promotes synaptic bouton formation in Drosophila by interacting with Wnt. eLife, 7.

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

West RJH, et al. (2018) Sphingolipids regulate neuromuscular synapse structure and function in Drosophila. The Journal of comparative neurology, 526(13), 1995.

Bademosi AT, et al. (2017) In vivo single-molecule imaging of syntaxin1A reveals polyphosphoinositide- and activity-dependent trapping in presynaptic nanoclusters. Nature communications, 8, 13660.

Liu L, et al. (2017) Neurexin Restricts Axonal Branching in Columns by Promoting Ephrin Clustering. Developmental cell, 41(1), 94.

Reddy-Alla S, et al. (2017) Stable Positioning of Unc13 Restricts Synaptic Vesicle Fusion to Defined Release Sites to Promote Synchronous Neurotransmission. Neuron, 95(6), 1350.

Wang D, et al. (2014) Ca2+-Calmodulin regulates SNARE assembly and spontaneous

neurotransmitter release via v-ATPase subunit V0a1. The Journal of cell biology, 205(1), 21.

Iacobucci GJ, et al. (2014) Spatial and temporal characteristics of normal and perturbed vesicle transport. PloS one, 9(5), e97237.