Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 22, 2025

b-Spectrin II

RRID:AB_399854
Type: Antibody

Proper Citation

(BD Biosciences Cat# 612563, RRID:AB_399854)

Antibody Information

URL: http://antibodyregistry.org/AB_399854

Proper Citation: (BD Biosciences Cat# 612563, RRID:AB_399854)

Target Antigen: ?-Spectrin II

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Western blot, Immunofluorescence

Antibody Name: b-Spectrin II

Description: This monoclonal targets ?-Spectrin II

Target Organism: rat, mouse, dog, human

Antibody ID: AB_399854

Vendor: BD Biosciences

Catalog Number: 612563

Record Creation Time: 20241016T223007+0000

Record Last Update: 20241016T230010+0000

Ratings and Alerts

No rating or validation information has been found for b-Spectrin II.

No alerts have been found for b-Spectrin II.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. Nature communications, 15(1), 10865.

Sert O, et al. (2024) Postsynaptic ?1 spectrin maintains Na+ channels at the neuromuscular junction. The Journal of physiology, 602(6), 1127.

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. bioRxiv : the preprint server for biology.

Bingham D, et al. (2023) Presynapses contain distinct actin nanostructures. The Journal of cell biology, 222(10).

Friedl K, et al. (2023) Assessing crosstalk in simultaneous multicolor single-molecule localization microscopy. Cell reports methods, 3(9), 100571.

Ganguly A, et al. (2021) Clathrin packets move in slow axonal transport and deliver functional payloads to synapses. Neuron, 109(18), 2884.

Hamdan H, et al. (2020) Mapping axon initial segment structure and function by multiplexed proximity biotinylation. Nature communications, 11(1), 100.

Torii T, et al. (2020) NuMA1 promotes axon initial segment assembly through inhibition of endocytosis. The Journal of cell biology, 219(2).

Dubey S, et al. (2020) The axonal actin-spectrin lattice acts as a tension buffering shock absorber. eLife, 9.

Costa AR, et al. (2020) The membrane periodic skeleton is an actomyosin network that regulates axonal diameter and conduction. eLife, 9.

Jarjour AA, et al. (2020) The formation of paranodal spirals at the ends of CNS myelin sheaths requires the planar polarity protein Vangl2. Glia, 68(9), 1840.

Liu CH, et al. (2020) Nodal ? spectrins are required to maintain Na+ channel clustering and

axon integrity. eLife, 9.