Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 29, 2025

Mouse Anti-Drosophila peanut gene protein products Monoclonal Antibody, Unconjugated

RRID:AB_528429
Type: Antibody

Proper Citation

(DSHB Cat# 4C9H4 anti-peanut, RRID:AB_528429)

Antibody Information

URL: http://antibodyregistry.org/AB_528429

Proper Citation: (DSHB Cat# 4C9H4 anti-peanut, RRID:AB_528429)

Target Antigen: Mouse Drosophila peanut gene protein products

Host Organism: mouse

Clonality: monoclonal

Comments: manufacturer recommendations: IgG1 Western Blot; Immunoblotting

Antibody Name: Mouse Anti-Drosophila peanut gene protein products Monoclonal Antibody, Unconjugated

Description: This monoclonal targets Mouse Drosophila peanut gene protein products

Target Organism: drosophila, drosophila/arthropod

Antibody ID: AB_528429

Vendor: DSHB

Catalog Number: 4C9H4 anti-peanut

Record Creation Time: 20231110T080703+0000

Record Last Update: 20241115T070532+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Drosophila peanut gene protein products Monoclonal Antibody, Unconjugated.

No alerts have been found for Mouse Anti-Drosophila peanut gene protein products Monoclonal Antibody, Unconjugated.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Shimizu H, et al. (2024) Alternative mechanisms of Notch activation by partitioning into distinct endosomal domains. The Journal of cell biology, 223(5).

Gabbert AM, et al. (2024) Protocol for 3D surface texture modeling and quantitative spectral decomposition analysis in Drosophila border cell clusters. STAR protocols, 5(3), 103048.

Amin S, et al. (2023) Glyoxal-based fixation of Drosophila embryos for immunofluorescence staining and RNA in situ hybridization. STAR protocols, 4(3), 102385.

Colonnetta MM, et al. (2023) Germline/soma distinction in Drosophila embryos requires regulators of zygotic genome activation. eLife, 12.

Gabbert AM, et al. (2023) Septins regulate border cell surface geometry, shape, and motility downstream of Rho in Drosophila. Developmental cell, 58(15), 1399.

Carrasco-Rando M, et al. (2023) An acytokinetic cell division creates PIP2-enriched membrane asymmetries leading to slit diaphragm assembly in Drosophila nephrocytes. Development (Cambridge, England), 150(18).

Carim SC, et al. (2023) The Rho1 GTPase controls anillo-septin assembly to facilitate contractile ring closure during cytokinesis. iScience, 26(6), 106903.

Sun T, et al. (2021) Atypical laminin spots and pull-generated microtubule-actin projections mediate Drosophila wing adhesion. Cell reports, 36(10), 109667.

Zhang Y, et al. (2018) Collision of Expanding Actin Caps with Actomyosin Borders for Cortical Bending and Mitotic Rounding in a Syncytium. Developmental cell, 45(5), 551.

O'Neill RS, et al. (2016) Partial Functional Diversification of Drosophila melanogaster Septin

Genes Sep2 and Sep5. G3 (Bethesda, Md.), 6(7), 1947.

Zaytseva O, et al. (2014) The novel zinc finger protein dASCIZ regulates mitosis in Drosophila via an essential role in dynein light-chain expression. Genetics, 196(2), 443.

Goldbach P, et al. (2010) Stabilization of the actomyosin ring enables spermatocyte cytokinesis in Drosophila. Molecular biology of the cell, 21(9), 1482.

Shindo M, et al. (2008) Dual function of Src in the maintenance of adherens junctions during tracheal epithelial morphogenesis. Development (Cambridge, England), 135(7), 1355.

Ji Y, et al. (2005) D-Hillarin, a novel W180-domain protein, affects cytokinesis through interaction with the septin family member Pnut. Journal of neurobiology, 64(2), 157.

Riparbelli MG, et al. (2002) A requirement for the Abnormal Spindle protein to organise microtubules of the central spindle for cytokinesis in Drosophila. Journal of cell science, 115(Pt 5), 913.

Shih HP, et al. (2002) Identification of septin-interacting proteins and characterization of the Smt3/SUMO-conjugation system in Drosophila. Journal of cell science, 115(Pt 6), 1259.

Adam JC, et al. (2000) Evidence for functional differentiation among Drosophila septins in cytokinesis and cellularization. Molecular biology of the cell, 11(9), 3123.

Carmena M, et al. (1998) Drosophila polo kinase is required for cytokinesis. The Journal of cell biology, 143(3), 659.

Field CM, et al. (1996) A purified Drosophila septin complex forms filaments and exhibits GTPase activity. The Journal of cell biology, 133(3), 605.

Fares H, et al. (1995) Localization and possible functions of Drosophila septins. Molecular biology of the cell, 6(12), 1843.