

Resource Summary Report

Generated by NIF on Jul 28, 2026

ZO 1

RRID:AB_2205518

Type: Antibody

Proper Citation

DSHB Cat# R26.4C, RRID:AB_2205518

Antibody Information

URL: http://antibodyregistry.org/AB_2205518

Proper Citation: DSHB Cat# R26.4C, RRID:AB_2205518

Target Antigen: Tjp1

Host Organism: rat

Clonality: monoclonal

Comments: Useful for western blot

Antibody Name: ZO 1

Description: This monoclonal targets Tjp1

Target Organism: mouse

Antibody ID: AB_2205518

Vendor: DSHB

Catalog Number: R26.4C

Record Creation Time: 20250819T230558+0000

Record Last Update: 20250820T041732+0000

Ratings and Alerts

No rating or validation information has been found for ZO 1.

No alerts have been found for ZO 1.

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 [NIF](#) .

Su Y, et al. (2025) Cingulin is an RNA-binding protein promoting pancreatic cancer through enhancing importin 7-mediated phospho-ERK nuclear translocation. Cell reports, 44(7), 115925.

Jia S, et al. (2025) Planar polarized organization of mouse hair cells is established and maintained by STK32A, GPR156 and EMX2. Journal of cell science, 138(23).

Ali SM, et al. (2025) ZO-1/Tjp1 and ZO-2/Tjp2 deletion in retinal pigment epithelium causes progressive retinal degeneration. iScience, 28(11), 113673.

Flinois A, et al. (2024) Paracingulin recruits CAMSAP3 to tight junctions and regulates microtubule and polarized epithelial cell organization. Journal of cell science, 137(5).

Jia S, et al. (2023) The dark kinase STK32A regulates hair cell planar polarity opposite of EMX2 in the developing mouse inner ear. eLife, 12.

Gredler ML, et al. (2023) Multicellular rosettes link mesenchymal-epithelial transition to radial intercalation in the mouse axial mesoderm. Developmental cell, 58(11), 933.

Sluysmans S, et al. (2021) WW, PH and C-Terminal Domains Cooperate to Direct the Subcellular Localizations of PLEKHA5, PLEKHA6 and PLEKHA7. Frontiers in cell and developmental biology, 9, 729444.

Seymour PA, et al. (2020) Jag1 Modulates an Oscillatory Dll1-Notch-Hes1 Signaling Module to Coordinate Growth and Fate of Pancreatic Progenitors. Developmental cell, 52(6), 731.

Brooks ER, et al. (2020) Sonic hedgehog signaling directs patterned cell remodeling during cranial neural tube closure. eLife, 9.

Duan J, et al. (2019) Rational Reprogramming of Cellular States by Combinatorial Perturbation. Cell reports, 27(12), 3486.

Shah J, et al. (2018) A Dock-and-Lock Mechanism Clusters ADAM10 at Cell-Cell Junctions to Promote ??-Toxin Cytotoxicity. Cell reports, 25(8), 2132.

Spadaro D, et al. (2017) Tension-Dependent Stretching Activates ZO-1 to Control the Junctional Localization of Its Interactors. Current biology : CB, 27(24), 3783.