

Resource Summary Report

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ZO-1 (R40.76)

RRID:AB_628459

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-33725, RRID:AB_628459)

Antibody Information

URL: http://antibodyregistry.org/AB_628459

Proper Citation: (Santa Cruz Biotechnology Cat# sc-33725, RRID:AB_628459)

Target Antigen: ZO-1

Host Organism: rat

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence

Antibody Name: ZO-1 (R40.76)

Description: This monoclonal targets ZO-1

Target Organism: rat, mouse

Clone ID: R40.76

Antibody ID: AB_628459

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-33725

Record Creation Time: 20241017T003038+0000

Record Last Update: 20241017T021749+0000

Ratings and Alerts

No rating or validation information has been found for ZO-1 (R40.76).

No alerts have been found for ZO-1 (R40.76).

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](#).

Roodsant TJ, et al. (2024) Translocation across a human enteroid monolayer by zoonotic *Streptococcus suis* correlates with the presence of Gb3-positive cells. *iScience*, 27(3), 109178.

Pauer SM, et al. (2024) Time-dependent effects of tumor necrosis factor α on Ca^{2+} -dependent secretion in murine small intestinal organoids. *Frontiers in physiology*, 15, 1382238.

Saito AC, et al. (2024) Protocol for establishing knockout cell clones by deletion of a large gene fragment using CRISPR-Cas9 with multiple guide RNAs. *STAR protocols*, 5(3), 103179.

Hallett JM, et al. (2022) Human biliary epithelial cells from discarded donor livers rescue bile duct structure and function in a mouse model of biliary disease. *Cell stem cell*, 29(3), 355.

Matsui T, et al. (2022) Rab39 and its effector UACA regulate basolateral exosome release from polarized epithelial cells. *Cell reports*, 39(9), 110875.

Tebbe L, et al. (2022) Prph2 disease mutations lead to structural and functional defects in the RPE. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 36(5), e22284.

Zhang X, et al. (2022) Endothelial caveolin-1 regulates cerebral thrombo-inflammation in acute ischemia/reperfusion injury. *EBioMedicine*, 84, 104275.

Xie R, et al. (2021) Composable microfluidic spinning platforms for facile production of biomimetic perfusable hydrogel microtubes. *Nature protocols*, 16(2), 937.

Russell JP, et al. (2021) Pituitary stem cells produce paracrine WNT signals to control the expansion of their descendant progenitor cells. *eLife*, 10.

Hachimi M, et al. (2021) Smoothelin-like 2 Inhibits Coronin-1B to Stabilize the Apical Actin Cortex during Epithelial Morphogenesis. *Current biology : CB*, 31(4), 696.

Sasaki K, et al. (2020) Shank2 Binds to aPKC and Controls Tight Junction Formation with Rap1 Signaling during Establishment of Epithelial Cell Polarity. *Cell reports*, 31(1), 107407.

Nguyen QPH, et al. (2020) Comparative Super-Resolution Mapping of Basal Feet Reveals a Modular but Distinct Architecture in Primary and Motile Cilia. *Developmental cell*, 55(2), 209.

Defourny J, et al. (2019) Cochlear connexin 30 homomeric and heteromeric channels exhibit distinct assembly mechanisms. *Mechanisms of development*, 155, 8.

Lu T, et al. (2019) Macrophage stimulating protein preserves blood brain barrier integrity after intracerebral hemorrhage through recepteur d'origine nantais dependent GAB1/Src/?-catenin pathway activation in a mouse model. *Journal of neurochemistry*, 148(1), 114.

Santos CP, et al. (2019) Urothelial organoids originating from Cd49fhigh mouse stem cells display Notch-dependent differentiation capacity. *Nature communications*, 10(1), 4407.

Drolia R, et al. (2018) Listeria Adhesion Protein Induces Intestinal Epithelial Barrier Dysfunction for Bacterial Translocation. *Cell host & microbe*, 23(4), 470.

Chang R, et al. (2018) Brain Endothelial Erythrophagocytosis and Hemoglobin Transmigration Across Brain Endothelium: Implications for Pathogenesis of Cerebral Microbleeds. *Frontiers in cellular neuroscience*, 12, 279.

Yu L, et al. (2017) Adropin preserves the blood-brain barrier through a Notch1/Hes1 pathway after intracerebral hemorrhage in mice. *Journal of neurochemistry*, 143(6), 750.