Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

ZO-1 Polyclonal Antibody (ZMD.437)

RRID:AB_2533457
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 40-2300, RRID:AB_2533457)

Antibody Information

URL: http://antibodyregistry.org/AB_2533457

Proper Citation: (Thermo Fisher Scientific Cat# 40-2300, RRID:AB_2533457)

Target Antigen: ZO-1

Host Organism: rabbit

Clonality: unknown

Comments: Applications: ICC/IF (5-10 µg/mL), IHC (P) (1-2 µg/mL), IHC (F) (2 µg/mL), WB (Assay-dependent)

Antibody Name: ZO-1 Polyclonal Antibody (ZMD.437)

Description: This unknown targets ZO-1

Target Organism: rat, canine, mouse, human

Clone ID: Clone ZMD.437

Defining Citation: PMID:21767321, PMID:19821483, PMID:17210245, PMID:27281648, PMID:22491404, PMID:23740983, PMID:20158611, PMID:26935764, PMID:25616357, PMID:20616358, PMID:21159656, PMID:24858797, PMID:24145168, PMID:27510174, PMID:24668812, PMID:26116663, PMID:19184677, PMID:27111582, PMID:24919690, PMID:24677108, PMID:24943270, PMID:20584329, PMID:23114967, PMID:25220655, PMID:23408941, PMID:22048282, PMID:16045494, PMID:21093098, PMID:24183650, PMID:24590176, PMID:19136708, PMID:21965293, PMID:23049838, PMID:24989888, PMID:24413171, PMID:26206859, PMID:22815934, PMID:26528722, PMID:26690704, PMID:24955347, PMID:26966880, PMID:21905165, PMID:18177851

Antibody ID: AB_2533457

Vendor: Thermo Fisher Scientific

Catalog Number: 40-2300

Record Creation Time: 20231110T035527+0000

Record Last Update: 20240725T100616+0000

Ratings and Alerts

No rating or validation information has been found for ZO-1 Polyclonal Antibody (ZMD.437).

No alerts have been found for ZO-1 Polyclonal Antibody (ZMD.437).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Vázquez-Liébanas E, et al. (2024) Mosaic deletion of claudin-5 reveals rapid non-cell-autonomous consequences of blood-brain barrier leakage. Cell reports, 43(3), 113911.

Bhat GP, et al. (2024) Structured wound angiogenesis instructs mesenchymal barrier compartments in the regenerating nerve. Neuron, 112(2), 209.

Schmit T, et al. (2022) Interferon-? promotes monocyte-mediated lung injury during influenza infection. Cell reports, 38(9), 110456.

Schütz A, et al. (2021) Trophectoderm cell failure leads to peri-implantation lethality in Trpm7-

deficient mouse embryos. Cell reports, 37(3), 109851.

Chang CS, et al. (2021) Identification of a gut microbiota member that ameliorates DSS-induced colitis in intestinal barrier enhanced Dusp6-deficient mice. Cell reports, 37(8), 110016.

Bowers M, et al. (2020) FASN-Dependent Lipid Metabolism Links Neurogenic Stem/Progenitor Cell Activity to Learning and Memory Deficits. Cell stem cell, 27(1), 98.

Takeishi K, et al. (2020) Assembly and Function of a Bioengineered Human Liver for Transplantation Generated Solely from Induced Pluripotent Stem Cells. Cell reports, 31(9), 107711.

Carvalho JR, et al. (2019) Non-canonical Wnt signaling regulates junctional mechanocoupling during angiogenic collective cell migration. eLife, 8.

Kawauchi S, et al. (2019) Inhibitory Effects of Sodium Alginate on Hepatic Steatosis in Mice Induced by a Methionine- and Choline-deficient Diet. Marine drugs, 17(2).

Benz F, et al. (2019) Low wnt/?-catenin signaling determines leaky vessels in the subfornical organ and affects water homeostasis in mice. eLife, 8.

Kim IJ, et al. (2018) Helicobacter pylori Infection Modulates Host Cell Metabolism through VacA-Dependent Inhibition of mTORC1. Cell host & microbe, 23(5), 583.

Bai Y, et al. (2018) Circular RNA DLGAP4 Ameliorates Ischemic Stroke Outcomes by Targeting miR-143 to Regulate Endothelial-Mesenchymal Transition Associated with Blood-Brain Barrier Integrity. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(1), 32.

Li J, et al. (2018) The Strength of Mechanical Forces Determines the Differentiation of Alveolar Epithelial Cells. Developmental cell, 44(3), 297.

Coulthard LG, et al. (2017) Complement C5aR1 Signaling Promotes Polarization and Proliferation of Embryonic Neural Progenitor Cells through PKC?. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(22), 5395.

Zhou W, et al. (2017) Targeting Glioma Stem Cell-Derived Pericytes Disrupts the Blood-Tumor Barrier and Improves Chemotherapeutic Efficacy. Cell stem cell, 21(5), 591.