

Resource Summary Report

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ZO 1 Antibody

RRID:AB_2837631

Type: Antibody

Proper Citation

(Affinity Biosciences Cat# AF5145, RRID:AB_2837631)

Antibody Information

URL: http://antibodyregistry.org/AB_2837631

Proper Citation: (Affinity Biosciences Cat# AF5145, RRID:AB_2837631)

Target Antigen: ZO 1

Host Organism: rabbit

Clonality: unknown

Comments: Applications: WB, IHC, IF/ICC, ELISA

Antibody Name: ZO 1 Antibody

Description: This unknown targets ZO 1

Target Organism: Human, Rat, Monkey, Pig, Mouse

Antibody ID: AB_2837631

Vendor: Affinity Biosciences

Catalog Number: AF5145

Record Creation Time: 20231110T032327+0000

Record Last Update: 20240725T013609+0000

Ratings and Alerts

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

No alerts have been found for ZO 1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Liao W, et al. (2024) Magnesium-L-threonate treats Alzheimer's disease by modulating the microbiota-gut-brain axis. *Neural regeneration research*, 19(10), 2281.

Zang R, et al. (2024) The probiotic *Lactobacillus plantarum* alleviates colitis by modulating gut microflora to activate PPAR γ and inhibit MAPKs/NF- κ B. *European journal of nutrition*, 64(1), 32.

Yu F, et al. (2024) Protective effect of synbiotic combination of *Lactobacillus plantarum* SC-5 and olive oil extract tyrosol in a murine model of ulcerative colitis. *Journal of translational medicine*, 22(1), 308.

He Y, et al. (2024) Disturbances of the gut microbiota-derived tryptophan metabolites as key actors in vagotomy-induced mastitis in mice. *Cell reports*, 43(8), 114585.

Yu F, et al. (2024) *Lactobacillus paracasei* Jlus66 relieves DSS-induced ulcerative colitis in a murine model by maintaining intestinal barrier integrity, inhibiting inflammation, and improving intestinal microbiota structure. *European journal of nutrition*, 63(6), 2185.

Shen H, et al. (2024) Dietary fiber alleviates alcoholic liver injury via *Bacteroides acidifaciens* and subsequent ammonia detoxification. *Cell host & microbe*, 32(8), 1331.

Wu K, et al. (2023) Retinoic acid ameliorates low-grade endotoxemia-induced mastitis by limiting inflammatory responses in mice. *Microbial pathogenesis*, 185, 106426.

Lai YH, et al. (2023) Allyl isothiocyanate mitigates airway inflammation and constriction in a house dust mite-induced allergic asthma model via upregulation of tight junction proteins and the TRPA1 modulation. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 166, 115334.

Zhao C, et al. (2023) A fiber-enriched diet alleviates *Staphylococcus aureus*-induced mastitis by activating the HDAC3-mediated antimicrobial program in macrophages via butyrate production in mice. *PLoS pathogens*, 19(1), e1011108.

Bao L, et al. (2023) Hexadecanamide alleviates *Staphylococcus aureus*-induced mastitis in mice by inhibiting inflammatory responses and restoring blood-milk barrier integrity. *PLoS pathogens*, 19(11), e1011764.

Luo JQ, et al. (2023) Hydrochlorothiazide-induced glucose metabolism disorder is mediated by the gut microbiota via LPS-TLR4-related macrophage polarization. *iScience*, 26(7), 107130.

Zhao C, et al. (2023) Gut microbiota-mediated secondary bile acid alleviates *Staphylococcus aureus*-induced mastitis through the TGR5-cAMP-PKA-NF- κ B/NLRP3 pathways in mice. *NPJ biofilms and microbiomes*, 9(1), 8.

Zhao C, et al. (2022) Commensal cow *Roseburia* reduces gut-dysbiosis-induced mastitis through inhibiting bacterial translocation by producing butyrate in mice. *Cell reports*, 41(8), 111681.