

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Claudin 4 antibody

RRID:AB_869176

Type: Antibody

Proper Citation

Abcam Cat# ab53156, RRID:AB_869176

Antibody Information

URL: http://antibodyregistry.org/AB_869176

Proper Citation: Abcam Cat# ab53156, RRID:AB_869176

Target Antigen: Claudin 4

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Western Blot; ELISA, Western Blot

Antibody Name: Claudin 4 antibody

Description: This polyclonal targets Claudin 4

Target Organism: human

Antibody ID: AB_869176

Vendor: Abcam

Catalog Number: ab53156

Record Creation Time: 20231110T042846+0000

Record Last Update: 20260829T032754+0000

Ratings and Alerts

No rating or validation information has been found for Claudin 4 antibody.

No alerts have been found for Claudin 4 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Liu M, et al. (2025) Clostridium butyricum Restores Intestinal Barrier Integrity via the IL-22/Reg3 Pathway Following Traumatic Brain Injury in Mice. Journal of neurotrauma, 42(19-20), 1843.

Wang H, et al. (2024) Activated sympathetic nerve post stroke downregulates Toll-like receptor 5 and disrupts the gut mucosal barrier. Cell reports. Medicine, 5(10), 101754.

Ng J, et al. (2024) Molecular and Pathologic Characterization of YAP1-Expressing Small Cell Lung Cancer Cell Lines Leads to Reclassification as SMARCA4-Deficient Malignancies. Clinical cancer research : an official journal of the American Association for Cancer Research, OF1.

Schilpp C, et al. (2021) TGF- β 1 increases permeability of ciliated airway epithelia via redistribution of claudin 3 from tight junction into cell nuclei. Pflugers Archiv : European journal of physiology, 473(2), 287.