

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

Phospho-Caveolin-1 (Tyr14) Antibody

RRID:AB_2244199

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3251, RRID:AB_2244199

Antibody Information

URL: http://antibodyregistry.org/AB_2244199

Proper Citation: Cell Signaling Technology Cat# 3251, RRID:AB_2244199

Target Antigen: Cav1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10078844, AB_10827646, AB_2244199.

Antibody Name: Phospho-Caveolin-1 (Tyr14) Antibody

Description: This polyclonal targets Cav1

Target Organism: rat, mouse, human

Antibody ID: AB_2244199

Vendor: Cell Signaling Technology

Catalog Number: 3251

Record Creation Time: 20250820T022940+0000

Record Last Update: 20250820T134407+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Caveolin-1 (Tyr14) Antibody.

No alerts have been found for Phospho-Caveolin-1 (Tyr14) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Chocarro-Calvo A, et al. (2025) Fatty acid uptake activates an AXL-CAV1- β -catenin axis to drive melanoma progression. *Genes & development*, 39(7-8), 463.

Li X, et al. (2025) Sodium glucose co-transporter 2 inhibitor empagliflozin prevents endothelial dysfunction induced by oscillatory shear stress. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 192, 118670.

Chocarro-Calvo A, et al. (2024) Phenotype-specific melanoma uptake of fatty acid from human adipocytes activates AXL and CAV1-dependent β -catenin nuclear accumulation. *bioRxiv : the preprint server for biology*.

Wang S, et al. (2019) Caveolin-1 Phosphorylation Is Essential for Axonal Growth of Human Neurons Derived From iPSCs. *Frontiers in cellular neuroscience*, 13, 324.

Crewe C, et al. (2018) An Endothelial-to-Adipocyte Extracellular Vesicle Axis Governed by Metabolic State. *Cell*, 175(3), 695.

Bi C, et al. (2017) The Oxidative Stress-Induced Increase in the Membrane Expression of the Water-Permeable Channel Aquaporin-4 in Astrocytes Is Regulated by Caveolin-1 Phosphorylation. *Frontiers in cellular neuroscience*, 11, 412.