

# 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](http://antibodyregistry.org/AB_2244199)

**Proper Citation:** Cell Signaling Technology Cat# 3251, RRID:AB\_2244199

**Target Antigen:** Phospho-Caveolin-1 (Tyr14)

**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 Phospho-Caveolin-1 (Tyr14)

**Target Organism:** rat, h, nonhuman primate, m, mouse, r, human, mk

**Antibody ID:** AB\_2244199

**Vendor:** Cell Signaling Technology

**Catalog Number:** 3251

**Record Creation Time:** 20250819T205843+0000

**Record Last Update:** 20250819T212637+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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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- $\beta$ -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  $\beta$ -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.