

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Rac1/Cdc42 Antibody

RRID:AB_10612265

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4651, RRID:AB_10612265

Antibody Information

URL: http://antibodyregistry.org/AB_10612265

Proper Citation: Cell Signaling Technology Cat# 4651, RRID:AB_10612265

Target Antigen: Rac1/Cdc42

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W

Antibody Name: Rac1/Cdc42 Antibody

Description: This polyclonal targets Rac1/Cdc42

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_10612265

Vendor: Cell Signaling Technology

Catalog Number: 4651

Record Creation Time: 20250819T231849+0000

Record Last Update: 20250820T045725+0000

Ratings and Alerts

No rating or validation information has been found for Rac1/Cdc42 Antibody.

No alerts have been found for Rac1/Cdc42 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Li X, et al. (2026) The TCR-SUB1-DOCK2 axis promotes autoimmunity by driving pathogenic CD4+ T cell tissue infiltration. *Immunity*, 59(1), 98.

Guan T, et al. (2025) D-Ala2-GIP (1-30) promotes angiogenesis by facilitating endothelial cell migration via the Epac/Rap1/Cdc42 signaling pathway. *Cellular signalling*, 127, 111615.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. *Cell chemical biology*, 31(7), 1247.

Li L, et al. (2023) Tiam1 coordinates synaptic structural and functional plasticity underpinning the pathophysiology of neuropathic pain. *Neuron*, 111(13), 2038.

Chang Y, et al. (2022) Substrate rigidity dictates colorectal tumorigenic cell stemness and metastasis via CRAD-dependent mechanotransduction. *Cell reports*, 38(7), 110390.

Guo B, et al. (2021) Cadherin-12 Regulates Neurite Outgrowth Through the PKA/Rac1/Cdc42 Pathway in Cortical Neurons. *Frontiers in cell and developmental biology*, 9, 768970.

Wang W, et al. (2017) The Small GTPase Rac1 Contributes to Extinction of Aversive Memories of Drug Withdrawal by Facilitating GABAA Receptor Endocytosis in the vmPFC. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(30), 7096.