Resource Summary Report

Generated by RRID on Jul 31, 2026

PAK1 Antibody

RRID:AB_330222
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2602, RRID:AB_330222

Antibody Information

URL: http://antibodyregistry.org/AB_330222

Proper Citation: Cell Signaling Technology Cat# 2602, RRID:AB_330222

Target Antigen: PAK1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IP. Consolidation on 11/2018: AB_10694205, AB_10827914, AB_330222.

Antibody Name: PAK1 Antibody

Description: This polyclonal targets PAK1

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

Antibody ID: AB_330222

Vendor: Cell Signaling Technology

Catalog Number: 2602

Record Creation Time: 20250820T000241+0000

Record Last Update: 20250820T071210+0000

Ratings and Alerts

No rating or validation information has been found for PAK1 Antibody.

No alerts have been found for PAK1 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Telonis AG, et al. (2026) Synergistic intragenic epigenetic deregulation by IDH2 and SRSF2 mutations causes mis-splicing of key transcriptional regulators. Science advances, 12(1), eadu8292.

Weaver MR, et al. (2025) The STRIPAK complex is required for radial sorting and laminin receptor expression in Schwann cells. Cell reports, 44(3), 115401.

Lee SH, et al. (2025) Dynamic decoding of VEGF signaling and coordinated control of multiple phenotypes by the Src-TEM4-YAP pathway. Cell systems, 16(7), 101321.

Cui Y, et al. (2025) MET receptor tyrosine kinase promotes the generation of functional synapses in adult cortical circuits. Neural regeneration research, 20(5), 1431.

Dai Z, et al. (2025) N-cadherin-triggered myosin II inactivation provides tumor cells with a mechanical cell competition advantage and chemotherapy resistance. Developmental cell, 60(12), 1784.

Westholm E, et al. (2024) IGFBP7 is upregulated in islets from T2D donors and reduces insulin secretion. iScience, 27(9), 110767.

Park CS, et al. (2024) Fam49b dampens TCR signal strength to regulate survival of positively selected thymocytes and peripheral T cells. eLife, 13.

Ferguson KM, et al. (2024) Modelling quiescence exit of neural stem cells reveals a FOXG1-FOXO6 axis. Disease models & mechanisms, 17(12).

Jokl E, et al. (2023) PAK1-dependent mechanotransduction enables myofibroblast nuclear adaptation and chromatin organization during fibrosis. Cell reports, 42(11), 113414.

Schaefer A, et al. (2023) RHOAL57V drives the development of diffuse gastric cancer through IGF1R-PAK1-YAP1 signaling. Science signaling, 16(816), eadg5289.

Huang M, et al. (2023) PAK1 contributes to cerebral ischemia/reperfusion injury by regulating the blood-brain barrier integrity. iScience, 26(8), 107333.

Wang H, et al. (2023) The Evaluation of Rac1 Signaling as a Potential Therapeutic Target of Alzheimer's Disease. International journal of molecular sciences, 24(15).

Yamahashi Y, et al. (2022) Phosphoproteomic of the acetylcholine pathway enables discovery of the PKC-?-PIX-Rac1-PAK cascade as a stimulatory signal for aversive learning. Molecular psychiatry, 27(8), 3479.

Jahid S, et al. (2022) Structure-based design of CDC42 effector interaction inhibitors for the treatment of cancer. Cell reports, 39(1), 110641.

Gao X, et al. (2022) Lyso-PAF, a biologically inactive phospholipid, contributes to RAF1 activation. Molecular cell, 82(11), 1992.

Masi I, et al. (2021) Endothelin-1 drives invadopodia and interaction with mesothelial cells through ILK. Cell reports, 34(9), 108800.

Davidson A, et al. (2021) A kinase-independent function of PAK is crucial for pathogen-mediated actin remodelling. PLoS pathogens, 17(8), e1009902.

Brown TL, et al. (2021) PAK1 Positively Regulates Oligodendrocyte Morphology and Myelination. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(9), 1864.

Floerchinger A, et al. (2021) Optimizing metastatic-cascade-dependent Rac1 targeting in breast cancer: Guidance using optical window intravital FRET imaging. Cell reports, 36(11), 109689.

Møller LLV, et al. (2020) Insulin-stimulated glucose uptake partly relies on p21-activated kinase (PAK)2, but not PAK1, in mouse skeletal muscle. The Journal of physiology, 598(23), 5351.