

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Phospho-PAK1 (Ser144)/PAK2 (Ser141) Antibody

RRID:AB_2299279

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2606, RRID:AB_2299279

Antibody Information

URL: http://antibodyregistry.org/AB_2299279

Proper Citation: Cell Signaling Technology Cat# 2606, RRID:AB_2299279

Target Antigen: Pak1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 11/2018: AB_10078464, AB_10828329, AB_2299279.

Antibody Name: Phospho-PAK1 (Ser144)/PAK2 (Ser141) Antibody

Description: This polyclonal targets Pak1

Target Organism: rat, mouse, human

Antibody ID: AB_2299279

Vendor: Cell Signaling Technology

Catalog Number: 2606

Record Creation Time: 20250820T041723+0000

Record Last Update: 20250820T183408+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PAK1 (Ser144)/PAK2 (Ser141) Antibody.

No alerts have been found for Phospho-PAK1 (Ser144)/PAK2 (Ser141) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Corriveau J, et al. (2025) Inhibition of PAK2 in endothelial cells suppresses tumor angiogenesis and promotes immune sensitization through CXCL10. *Cell reports*, 45(1), 116840.

Walter Z, et al. (2025) An integrated proteomics approach identifies phosphorylation sites on viral and host proteins that regulate West Nile virus infection. *Cell reports*, 44(5), 115728.

Voglewede MM, et al. (2024) Loss of the polarity protein Par3 promotes dendritic spine neoteny and enhances learning and memory. *iScience*, 27(7), 110308.

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

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

Basile G, et al. (2023) Excess pancreatic elastase alters acinar-? cell communication by impairing the mechano-signaling and the PAR2 pathways. *Cell metabolism*, 35(7), 1242.

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.

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

Hada K, et al. (2021) Mice carrying a schizophrenia-associated mutation of the Arhgap10 gene are vulnerable to the effects of methamphetamine treatment on cognitive function: association with morphological abnormalities in striatal neurons. *Molecular brain*, 14(1),

21.

Singh V, et al. (2019) Pathogenic *Escherichia coli* Hijacks GTPase-Activated p21-Activated Kinase for Actin Pedestal Formation. *mBio*, 10(4).

Lee SW, et al. (2019) EGFR-Pak Signaling Selectively Regulates Glutamine Deprivation-Induced Macropinocytosis. *Developmental cell*, 50(3), 381.

Jeannot P, et al. (2017) p27Kip1 promotes invadopodia turnover and invasion through the regulation of the PAK1/Cortactin pathway. *eLife*, 6.