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

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 Phospho-PAK1 (Ser144)/PAK2 (Ser141)

Target Organism: guinea pig, h, gp, m, mouse, human

Antibody ID: AB_2299279

Vendor: Cell Signaling Technology

Catalog Number: 2606

Record Creation Time: 20250819T223522+0000

Record Last Update: 20250820T024012+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.