Resource Summary Report

Generated by RRID on Jul 30, 2026

Anti-PKD / PKC mu, phospho (Ser916) Antibody, Unconjugated

RRID:AB_330841
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2051, RRID:AB_330841

Antibody Information

URL: http://antibodyregistry.org/AB_330841

Proper Citation: Cell Signaling Technology Cat# 2051, RRID:AB_330841

Target Antigen: PKD / PKC mu, phospho (Ser916)

Clonality: unknown

Comments: Applications: W, IP. Consolidation on 11/2018: AB_10077528, AB_10078659, AB_10828110, AB_330841, AB_330842.

Antibody Name: Anti-PKD / PKC mu, phospho (Ser916) Antibody, Unconjugated

Description: This unknown targets PKD / PKC mu, phospho (Ser916)

Target Organism: monkey, rat, simian, mouse, human

Antibody ID: AB_330841

Vendor: Cell Signaling Technology

Catalog Number: 2051

Record Creation Time: 20250820T015144+0000

Record Last Update: 20250820T120338+0000

Ratings and Alerts

No rating or validation information has been found for Anti-PKD / PKC mu, phospho (Ser916) Antibody, Unconjugated.

No alerts have been found for Anti-PKD / PKC mu, phospho (Ser916) Antibody, Unconjugated.

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 .

Kaur G, et al. (2025) NADPH oxidase 1-PKC?-dependent ZO-1 phosphorylation mediates IL-33-induced inner blood-retinal barrier disruption in proliferative retinopathies. American journal of physiology. Cell physiology, 329(5), C1577.

Sun X, et al. (2025) Stress and Obesity Signaling Converge on CREB Phosphorylation to Promote Pancreatic Cancer. Molecular cancer research : MCR, 23(3), 236.

Wu YY, et al. (2025) PKD and scaffold NHERF1 mediate hypoxia-induced gene expression in 3T3-L1 adipocytes. Journal of molecular endocrinology, 75(2).

Weil R, et al. (2024) Phosphorylation of Optineurin by protein kinase D regulates Parkin-dependent mitophagy. iScience, 27(12), 111384.

Pereira M, et al. (2024) Arachidonic acid inhibition of the NLRP3 inflammasome is a mechanism to explain the anti-inflammatory effects of fasting. Cell reports, 43(2), 113700.

Gali A, et al. (2024) Protein kinase D drives the secretion of invasion mediators in triple-negative breast cancer cell lines. iScience, 27(2), 108958.

Pun R, et al. (2024) PKC? promotes keratinocyte cell migration through Cx43 phosphorylation-mediated suppression of intercellular communication. iScience, 27(3), 109033.

Sinnett-Smith J, et al. (2023) Statins inhibit protein kinase D (PKD) activation in intestinal cells and prevent PKD1-induced growth of murine enteroids. American journal of physiology. Cell physiology, 324(4), C807.

Malik AU, et al. (2022) PKC isoforms activate LRRK1 kinase by phosphorylating conserved residues (Ser1064, Ser1074 and Thr1075) within the CORB GTPase domain. The Biochemical journal, 479(18), 1941.

Pangou E, et al. (2021) A PKD-MFF signaling axis couples mitochondrial fission to mitotic progression. Cell reports, 35(7), 109129.

Oueslati Morales CO, et al. (2021) Protein kinase D promotes activity-dependent AMPA receptor endocytosis in hippocampal neurons. Traffic (Copenhagen, Denmark), 22(12), 454.

Stein BD, et al. (2019) Quantitative In Vivo Proteomics of Metformin Response in Liver Reveals AMPK-Dependent and -Independent Signaling Networks. Cell reports, 29(10), 3331.

Hamel-Côté G, et al. (2019) Regulation of platelet-activating factor-mediated interleukin-6 promoter activation by the 48 kDa but not the 45 kDa isoform of protein tyrosine phosphatase non-receptor type 2. Cell & bioscience, 9, 51.

Liliom H, et al. (2017) Protein kinase D exerts neuroprotective functions during oxidative stress via nuclear factor kappa B-independent signaling pathways. Journal of neurochemistry, 142(6), 948.

Ay M, et al. (2017) Molecular mechanisms underlying protective effects of quercetin against mitochondrial dysfunction and progressive dopaminergic neurodegeneration in cell culture and MitoPark transgenic mouse models of Parkinson's Disease. Journal of neurochemistry, 141(5), 766.