

# Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

## PDK1 Antibody

RRID:AB\_2236832

Type: Antibody

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### Proper Citation

Cell Signaling Technology Cat# 3062, RRID:AB\_2236832

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2236832](http://antibodyregistry.org/AB_2236832)

**Proper Citation:** Cell Signaling Technology Cat# 3062, RRID:AB\_2236832

**Target Antigen:** PDK1

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: W. Consolidation on 11/2018: AB\_10695863, AB\_10828201, AB\_2236832.

**Antibody Name:** PDK1 Antibody

**Description:** This polyclonal targets PDK1

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

**Antibody ID:** AB\_2236832

**Vendor:** Cell Signaling Technology

**Catalog Number:** 3062

**Record Creation Time:** 20250820T023423+0000

**Record Last Update:** 20250820T135647+0000

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### Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.  
Contact(s): [Wei-Jun Qian](#), [Rohit Kulkarni](#) - Human Islets Research Network

No alerts have been found for PDK1 Antibody.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Bischoff ME, et al. (2025) Copper Drives Remodeling of Metabolic State and Progression of Clear Cell Renal Cell Carcinoma. *Cancer discovery*, 15(2), 401.

Yu J, et al. (2025) In Vitro Anticancer Activity of Phytol on Human Non-Small Cell Lung Cancer A549 Cells. *Integrative cancer therapies*, 24, 15347354251344592.

Oh S, et al. (2023) Non-bioenergetic roles of mitochondrial GPD2 promote tumor progression. *Theranostics*, 13(2), 438.

Zhu X, et al. (2023) Acetate controls endothelial-to-mesenchymal transition. *Cell metabolism*, 35(7), 1163.

Kim MS, et al. (2023) Advanced human iPSC-based preclinical model for Parkinson's disease with optogenetic alpha-synuclein aggregation. *Cell stem cell*, 30(7), 973.

Li Q, et al. (2023) PAC1 Deficiency Protects Obese Male Mice From Immobilization-Induced Muscle Atrophy by Suppressing FoxO-AtroGene Axis. *Endocrinology*, 164(6).

McElwain CJ, et al. (2023) Defective Visceral Adipose Tissue Adaptation in Gestational Diabetes Mellitus. *The Journal of clinical endocrinology and metabolism*.

Li S, et al. (2022) Sarco/endoplasmic reticulum Ca<sup>2+</sup> -ATPase (SERCA2b) mediates oxidation-induced endoplasmic reticulum stress to regulate neuropathic pain. *British journal of pharmacology*, 179(9), 2016.

Gayen M, et al. (2022) The CX3CL1 intracellular domain exhibits neuroprotection via insulin receptor/insulin-like growth factor receptor signaling. *The Journal of biological chemistry*, 298(11), 102532.

Cai W, et al. (2022) A Genome-Wide Screen Identifies PDPK1 as a Target to Enhance the Efficacy of MEK1/2 Inhibitors in NRAS Mutant Melanoma. *Cancer research*, 82(14), 2625.

Luengo A, et al. (2021) Increased demand for NAD<sup>+</sup> relative to ATP drives aerobic glycolysis. *Molecular cell*, 81(4), 691.

Lu X, et al. (2021) Integrated Screens Identify CDK1 as a Therapeutic Target in Advanced Gastrointestinal Stromal Tumors. *Cancer research*, 81(9), 2481.

Sun Z, et al. (2021) The kinase PDK1 is critical for promoting T follicular helper cell differentiation. *eLife*, 10.

Al-Yasari A, et al. (2021) Preconception Alcohol Exposure Increases the Susceptibility to Diabetes in the Offspring. *Endocrinology*, 162(1).

Wong H, et al. (2020) Isoform-specific roles for AKT in affective behavior, spatial memory, and extinction related to psychiatric disorders. *eLife*, 9.

Li J, et al. (2019) Sirtuin 1 represses PKC- $\alpha$  activity through regulating interplay of acetylation and phosphorylation in cardiac hypertrophy. *British journal of pharmacology*, 176(3), 416.

Jia R, et al. (2019) Lysosome Positioning Influences mTORC2 and AKT Signaling. *Molecular cell*, 75(1), 26.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. *Cancer cell*, 33(3), 450.

Levenga J, et al. (2017) AKT isoforms have distinct hippocampal expression and roles in synaptic plasticity. *eLife*, 6.

Tawo R, et al. (2017) The Ubiquitin Ligase CHIP Integrates Proteostasis and Aging by Regulation of Insulin Receptor Turnover. *Cell*, 169(3), 470.