

Resource Summary Report

Generated by [RRID](#) on Sep 5, 2026

PDH-E1? Antibody (D-6)

RRID:AB_2716767

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-377092, RRID:AB_2716767

Antibody Information

URL: http://antibodyregistry.org/AB_2716767

Proper Citation: Santa Cruz Biotechnology Cat# sc-377092, RRID:AB_2716767

Target Antigen: PDH-E1?

Host Organism: mouse

Clonality: monoclonal

Antibody Name: PDH-E1? Antibody (D-6)

Description: This monoclonal targets PDH-E1?

Target Organism: human

Antibody ID: AB_2716767

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-377092

Record Creation Time: 20231110T033803+0000

Record Last Update: 20260831T191045+0000

Ratings and Alerts

No rating or validation information has been found for PDH-E1? Antibody (D-6).

No alerts have been found for PDH-E1? Antibody (D-6).

Data and Source Information

Usage and Citation Metrics

We found 25 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.

Hsu CC, et al. (2025) ALDH4A1 functions as an active component of the MPC complex maintaining mitochondrial pyruvate import for TCA cycle entry and tumour suppression. *Nature cell biology*, 27(5), 847.

Russo M, et al. (2024) Acetyl-CoA production by Mediator-bound 2-ketoacid dehydrogenases boosts de novo histone acetylation and is regulated by nitric oxide. *Molecular cell*, 84(5), 967.

Ito R, et al. (2023) Usefulness of pyruvate dehydrogenase-E1 γ expression to determine SUVmax cut-off value of [18F]FDG-PET for predicting lymph node metastasis in lung cancer. *Scientific reports*, 13(1), 1565.

Aizawa E, et al. (2023) Epigenetic regulation limits competence of pluripotent stem cell-derived oocytes. *The EMBO journal*, 42(23), e113955.

Cai X, et al. (2023) Lactate activates the mitochondrial electron transport chain independently of its metabolism. *Molecular cell*, 83(21), 3904.

Ito R, et al. (2023) GLUT1 and PKM2 may be useful prognostic predictors in patients with non-small cell lung cancer following curative R0 resection. *Oncology letters*, 25(3), 129.

Ghosh D, et al. (2023) Ets1 facilitates EMT/invasion through Drp1-mediated mitochondrial fragmentation in ovarian cancer. *iScience*, 26(9), 107537.

Traxler L, et al. (2022) Warburg-like metabolic transformation underlies neuronal degeneration in sporadic Alzheimer's disease. *Cell metabolism*, 34(9), 1248.

Xue K, et al. (2022) The mitochondrial calcium uniporter engages UCP1 to form a thermoporter that promotes thermogenesis. *Cell metabolism*, 34(9), 1325.

Onslev J, et al. (2022) Salbutamol Increases Leg Glucose Uptake and Metabolic Rate but not Muscle Glycogen Resynthesis in Recovery From Exercise. *The Journal of clinical endocrinology and metabolism*, 107(3), e1193.

D'Acunzo P, et al. (2022) Isolation of mitochondria-derived mitovesicles and subpopulations of microvesicles and exosomes from brain tissues. *Nature protocols*, 17(11), 2517.

Tsai CW, et al. (2022) Mechanisms and significance of tissue-specific MICU regulation of the mitochondrial calcium uniporter complex. *Molecular cell*, 82(19), 3661.

Hernández-López R, et al. (2022) Mitochondrial Function Differences between Tumor Tissue of Human Metastatic and Premetastatic CRC. *Biology*, 11(2).

Prasad P, et al. (2021) Glutamine deficiency promotes stemness and chemoresistance in tumor cells through DRP1-induced mitochondrial fragmentation. *Cellular and molecular life sciences : CMLS*, 78(10), 4821.

Naia L, et al. (2021) Neuronal cell-based high-throughput screen for enhancers of mitochondrial function reveals luteolin as a modulator of mitochondria-endoplasmic reticulum coupling. *BMC biology*, 19(1), 57.

Goode DJ, et al. (2021) Regulation of Mitochondrial Function by Epac2 Contributes to Acute Inflammatory Hyperalgesia. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(13), 2883.

Ito R, et al. (2021) Pyruvate dehydrogenase E1 γ represents a reliable prognostic predictor for patients with non-small cell lung cancer resected via curative operation. *Journal of thoracic disease*, 13(10), 5691.

Cai Z, et al. (2020) Phosphorylation of PDHA by AMPK Drives TCA Cycle to Promote Cancer Metastasis. *Molecular cell*, 80(2), 263.

Rossi A, et al. (2020) Defective Mitochondrial Pyruvate Flux Affects Cell Bioenergetics in Alzheimer's Disease-Related Models. *Cell reports*, 30(7), 2332.