Resource Summary Report

Generated by dkNET on Aug 19, 2026

Anti-Pyruvate Dehydrogenase E1-alpha subunit (phospho S293) antibody

RRID:AB_2756339
Type: Antibody

Proper Citation

Abcam Cat# ab177461, RRID:AB_2756339

Antibody Information

URL: http://antibodyregistry.org/AB_2756339

Proper Citation: Abcam Cat# ab177461, RRID:AB_2756339

Target Antigen: Pyruvate Dehydrogenase E1-alpha subunit

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: WB, IHC-P, IP, ELISA

Antibody Name: Anti-Pyruvate Dehydrogenase E1-alpha subunit (phospho S293) antibody

Description: This monoclonal targets Pyruvate Dehydrogenase E1-alpha subunit

Target Organism: rat, mouse, human

Antibody ID: AB_2756339

Vendor: Abcam

Catalog Number: ab177461

Record Creation Time: 20250819T231018+0000

Record Last Update: 20250820T043042+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Pyruvate Dehydrogenase E1-alpha subunit (phospho S293) antibody.

No alerts have been found for Anti-Pyruvate Dehydrogenase E1-alpha subunit (phospho S293) antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Liu G, et al. (2025) Mitochondrial Calcium Uniporter Links Acetyl-CoA Metabolism and H3K27 Acetylation to Maintain Glioblastoma Stem Cells. Cancer research, 85(18), 3416.

Uda M, et al. (2024) Effects of hindlimb unloading on the mevalonate and mechanistic target of rapamycin complex 1 signaling pathways in a fast-twitch muscle in rats. Physiological reports, 12(5), e15969.

Grepper D, et al. (2024) BCL2L13 at endoplasmic reticulum-mitochondria contact sites regulates calcium homeostasis to maintain skeletal muscle function. iScience, 27(8), 110510.

Soro-Arnáiz I, et al. (2024) GLUD1 determines murine muscle stem cell fate by controlling mitochondrial glutamate levels. Developmental cell, 59(21), 2850.

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

Koppel SJ, et al. (2023) ?-Hydroxybutyrate preferentially enhances neuron over astrocyte respiration while signaling cellular quiescence. Mitochondrion, 68, 125.

Lu V, et al. (2022) Glutamine-dependent signaling controls pluripotent stem cell fate. Developmental cell, 57(5), 610.

Park S, et al. (2022) Transcription factors TEAD2 and E2A globally repress acetyl-CoA synthesis to promote tumorigenesis. Molecular cell, 82(22), 4246.

Seegren PV, et al. (2020) Mitochondrial Ca2+ Signaling Is an Electrometabolic Switch to Fuel Phagosome Killing. Cell reports, 33(8), 108411.

Ou Z, et al. (2019) A GPR17-cAMP-Lactate Signaling Axis in Oligodendrocytes Regulates Whole-Body Metabolism. Cell reports, 26(11), 2984.

Bellio C, et al. (2019) The Metabolic Inhibitor CPI-613 Negates Treatment Enrichment of Ovarian Cancer Stem Cells. Cancers, 11(11).