

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

PGC-1alpha (3G6) Rabbit mAb

RRID:AB_823600

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2178, RRID:AB_823600

Antibody Information

URL: http://antibodyregistry.org/AB_823600

Proper Citation: Cell Signaling Technology Cat# 2178, RRID:AB_823600

Target Antigen: PGC-1-alpha

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W

Antibody Name: PGC-1alpha (3G6) Rabbit mAb

Description: This monoclonal targets PGC-1-alpha

Target Organism: human

Clone ID: Clone 3G6

Antibody ID: AB_823600

Vendor: Cell Signaling Technology

Catalog Number: 2178

Record Creation Time: 20250820T002312+0000

Record Last Update: 20250820T080806+0000

Ratings and Alerts

No rating or validation information has been found for PGC-1alpha (3G6) Rabbit mAb.

No alerts have been found for PGC-1alpha (3G6) Rabbit mAb.

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 [NIF](#) .

Tao ZH, et al. (2025) Screening of patient-derived organoids identifies mitophagy as a cell-intrinsic vulnerability in colorectal cancer during statin treatment. *Cell reports. Medicine*, 6(4), 102039.

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

Qiao X, et al. (2024) Beyond mitochondrial transfer, cell fusion rescues metabolic dysfunction and boosts malignancy in adenoid cystic carcinoma. *Cell reports*, 43(9), 114652.

Sangineto M, et al. (2024) Monocyte bioenergetics: An immunometabolic perspective in metabolic dysfunction-associated steatohepatitis. *Cell reports. Medicine*, 5(5), 101564.

Ma J, et al. (2024) CHCHD4-TRIAP1 regulation of innate immune signaling mediates skeletal muscle adaptation to exercise. *Cell reports*, 43(1), 113626.

Srivastava SP, et al. (2024) Renal Angptl4 is a key fibrogenic molecule in progressive diabetic kidney disease. *Science advances*, 10(49), eadn6068.

Miao ZF, et al. (2024) Metaplastic regeneration in the mouse stomach requires a reactive oxygen species pathway. *Developmental cell*, 59(9), 1175.

Pathak T, et al. (2023) Loss of STIM2 in colorectal cancer drives growth and metastasis through metabolic reprogramming and PERK-ATF4 endoplasmic reticulum stress pathway. *bioRxiv : the preprint server for biology*.

Xia Q, et al. (2023) Peroxiredoxin 2 is required for the redox mediated adaptation to exercise. *Redox biology*, 60, 102631.

Stuani L, et al. (2021) Mitochondrial metabolism supports resistance to IDH mutant inhibitors in acute myeloid leukemia. *The Journal of experimental medicine*, 218(5).

Caielli S, et al. (2021) Erythroid mitochondrial retention triggers myeloid-dependent type I interferon in human SLE. *Cell*, 184(17), 4464.

Srivastava SP, et al. (2020) Metabolic reprogramming by N-acetyl-seryl-aspartyl-lysyl-proline protects against diabetic kidney disease. *British journal of pharmacology*, 177(16), 3691.

Araujo JR, et al. (2020) Fermentation Products of Commensal Bacteria Alter Enterocyte Lipid Metabolism. *Cell host & microbe*, 27(3), 358.

Shen S, et al. (2019) Myricanol modulates skeletal muscle-adipose tissue crosstalk to alleviate high-fat diet-induced obesity and insulin resistance. *British journal of pharmacology*, 176(20), 3983.

Vandekeere S, et al. (2018) Serine Synthesis via PHGDH Is Essential for Heme Production in Endothelial Cells. *Cell metabolism*, 28(4), 573.