

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

Cytochrome c Antibody

RRID:AB_2090454

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4272, RRID:AB_2090454

Antibody Information

URL: http://antibodyregistry.org/AB_2090454

Proper Citation: Cell Signaling Technology Cat# 4272, RRID:AB_2090454

Target Antigen: Cycs

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IHC-P. Consolidation on 10/2018: AB_10694552, AB_2090454.

Antibody Name: Cytochrome c Antibody

Description: This polyclonal targets Cycs

Target Organism: rat, mouse, human

Antibody ID: AB_2090454

Vendor: Cell Signaling Technology

Catalog Number: 4272

Record Creation Time: 20250820T000948+0000

Record Last Update: 20250820T073252+0000

Ratings and Alerts

No rating or validation information has been found for Cytochrome c Antibody.

No alerts have been found for Cytochrome c Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Castro RC, et al. (2026) Extracellular Vesicles Favor Early Peripheral Immunosenescence Through Modulation of the Senescence-Associated Secretory Phenotype in HIV Infection. *Aging cell*, 25(1), e70320.

Tedeschi V, et al. (2025) Lysosomal TPC2 channel as a new target of chlorpromazine and clomipramine to induce protective autophagy in L-BMAA-induced neurodegeneration. *Biochemical pharmacology*, 242(Pt 2), 117219.

Liu Y, et al. (2025) Muscle-derived small extracellular vesicles induce liver fibrosis during overtraining. *Cell metabolism*, 37(4), 824.

Tice AL, et al. (2024) Effects of chronic alcohol intoxication on aerobic exercise-induced adaptations in female mice. *Journal of applied physiology (Bethesda, Md. : 1985)*, 136(4), 721.

Capelo-Diz A, et al. (2023) Hepatic levels of S-adenosylmethionine regulate the adaptive response to fasting. *Cell metabolism*, 35(8), 1373.

Thongnak L, et al. (2023) Metformin mitigates renal dysfunction in obese insulin-resistant rats via activation of the AMPK/PPAR γ pathway. *Archives of pharmacol research*, 46(5), 408.

Yamada M, et al. (2023) Muscle p62 stimulates the expression of antioxidant proteins alleviating cancer cachexia. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 37(9), e23156.

Xie Y, et al. (2022) HDAC2- and EZH2-Mediated Histone Modifications Induce PDK1 Expression through miR-148a Downregulation in Breast Cancer Progression and Adriamycin Resistance. *Cancers*, 14(15).

Mao RW, et al. (2022) Honokiol ameliorates cisplatin-induced acute kidney injury via inhibition of mitochondrial fission. *British journal of pharmacology*, 179(14), 3886.

Anastasiou IA, et al. (2022) Low concentrations of bisphenol A promote the activation of the mitochondrial apoptotic pathway on Beta-TC-6 cells via the generation of intracellular reactive oxygen species and mitochondrial superoxide. *Journal of biochemical and molecular toxicology*, 36(8), e23099.

Olelewe C, et al. (2022) Gold(III)-P-chirogenic complex induces mitochondrial dysfunction in triple-negative breast cancer. *iScience*, 25(5), 104340.

You JS, et al. (2021) ARHGEF3 regulates skeletal muscle regeneration and strength through autophagy. *Cell reports*, 34(6), 108731.

Aka Y, et al. (2021) Kinome-wide RNAi screening for mediators of ABT-199 resistance in breast cancer cells identifies Wee1 as a novel therapeutic target. *The international journal of biochemistry & cell biology*, 137, 106028.

Cheng A, et al. (2021) A novel fatty acid-binding protein 5 and 7 inhibitor ameliorates oligodendrocyte injury in multiple sclerosis mouse models. *EBioMedicine*, 72, 103582.

Spurlock B, et al. (2021) Fine-tuned repression of Drp1-driven mitochondrial fission primes a 'stem/progenitor-like state' to support neoplastic transformation. *eLife*, 10.

Nadeem A, et al. (2021) Suppression of β -catenin signaling in colon carcinoma cells by a bacterial protein. *International journal of cancer*, 149(2), 442.

Rütgen BC, et al. (2021) Flow Cytometric Assessment of Ki-67 Expression in Lymphocytes From Physiologic Lymph Nodes, Lymphoma Cell Populations and Remnant Normal Cell Populations From Lymphomatous Lymph Nodes. *Frontiers in veterinary science*, 8, 663656.

Xiong L, et al. (2020) LncRNA-Malat1 is Involved in Lipotoxicity-Induced β -cell Dysfunction and the Therapeutic Effect of Exendin-4 via Ptp1. *Endocrinology*, 161(7).

Huh JY, et al. (2020) TANK-Binding Kinase 1 Regulates the Localization of Acyl-CoA Synthetase ACSL1 to Control Hepatic Fatty Acid Oxidation. *Cell metabolism*, 32(6), 1012.

Lin S, et al. (2019) Fascin Controls Metastatic Colonization and Mitochondrial Oxidative Phosphorylation by Remodeling Mitochondrial Actin Filaments. *Cell reports*, 28(11), 2824.