

Resource Summary Report

Generated by PRECISE-TBI on Aug 10, 2026

OPA1 (D7C1A) Rabbit mAb

RRID:AB_2799728

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 67589, RRID:AB_2799728

Antibody Information

URL: http://antibodyregistry.org/AB_2799728

Proper Citation: Cell Signaling Technology Cat# 67589, RRID:AB_2799728

Target Antigen: OPA1

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC

Antibody Name: OPA1 (D7C1A) Rabbit mAb

Description: This monoclonal targets OPA1

Target Organism: h

Clone ID: Clone D7C1A

Antibody ID: AB_2799728

Vendor: Cell Signaling Technology

Catalog Number: 67589

Record Creation Time: 20250819T233344+0000

Record Last Update: 20250820T054312+0000

Ratings and Alerts

No rating or validation information has been found for OPA1 (D7C1A) Rabbit mAb.

No alerts have been found for OPA1 (D7C1A) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Awasthi BP, et al. (2026) Disruption of Cytoskeleton Induces Physiologically and Morphologically Dysfunctional Mitochondria in B-ALL Cells. *Cell biochemistry and function*, 44(3), e70190.

Zheng D, et al. (2025) CD4+ anti-TGF- β CAR T cells and CD8+ conventional CAR T cells exhibit synergistic antitumor effects. *Cell reports. Medicine*, 6(3), 102020.

Vykoukal J, et al. (2025) Vesicle-mediated mitochondrial clearance presents an actionable metabolic vulnerability in triple-negative breast cancer. *Cell reports. Medicine*, 6(12), 102478.

Li Y, et al. (2025) Ectopic protein lysine methacrylation contributes to defects caused by loss of HIBCH or ECHS1. *Cell reports*, 44(3), 115379.

Gong S, et al. (2025) Ginsenoside Rh1 mitigates mitochondrial dysfunction induced by myocardial ischaemia through its novel role as a sirtuin 3 activator. *British journal of pharmacology*, 182(13), 3017.

Zhou C, et al. (2024) TRABD modulates mitochondrial homeostasis and tissue integrity. *Cell reports*, 43(6), 114304.

Cui Y, et al. (2023) T lymphocytes expressing the switchable chimeric Fc receptor CD64 exhibit augmented persistence and antitumor activity. *Cell reports*, 42(7), 112797.

Ciarlone GE, et al. (2023) 5-Hydroxymethylfurfural reduces skeletal muscle superoxide production and modifies force production in rats exposed to hypobaric hypoxia. *Physiological reports*, 11(14), e15743.

Sohn JH, et al. (2023) Liver mitochondrial cristae organizing protein MIC19 promotes energy expenditure and pedestrian locomotion by altering nucleotide metabolism. *Cell metabolism*, 35(8), 1356.

Zukowski E, et al. (2023) STAT3 modulates CD4+ T mitochondrial dynamics and function in aging. *Aging cell*, 22(11), e13996.

Mesquita PHC, et al. (2022) Effects of aging and long-term physical activity on mitochondrial physiology and redox state of the cortex and cerebellum of female rats. *Physiological reports*, 10(24), e15542.

Mesquita PHC, et al. (2020) Acute and chronic effects of resistance training on skeletal muscle markers of mitochondrial remodeling in older adults. *Physiological reports*, 8(15),

e14526.

Bharath LP, et al. (2020) Metformin Enhances Autophagy and Normalizes Mitochondrial Function to Alleviate Aging-Associated Inflammation. *Cell metabolism*, 32(1), 44.