

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

COX IV (3E11) Rabbit mAb

RRID:AB_2085424

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4850, RRID:AB_2085424

Antibody Information

URL: http://antibodyregistry.org/AB_2085424

Proper Citation: Cell Signaling Technology Cat# 4850, RRID:AB_2085424

Target Antigen: COX IV

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F. Consolidation on 11/2018: AB_10694213, AB_10829460, AB_2085424.

Antibody Name: COX IV (3E11) Rabbit mAb

Description: This monoclonal targets COX IV

Target Organism: rat, human

Clone ID: Clone 3E11

Antibody ID: AB_2085424

Vendor: Cell Signaling Technology

Catalog Number: 4850

Record Creation Time: 20231110T044107+0000

Record Last Update: 20260829T190454+0000

Ratings and Alerts

No rating or validation information has been found for COX IV (3E11) Rabbit mAb.

No alerts have been found for COX IV (3E11) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 118 mentions in open access literature.

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

Zhong Y, et al. (2026) SREBP-1 upregulates SOAT1 to promote tumor growth by preventing lipotoxicity. Cell reports, 45(2), 116896.

Haas GD, et al. (2026) De novo recovery of Ghana virus, an African bat Henipavirus, reveals differential tropism and attenuated pathogenicity compared to Nipah virus. Cell reports, 45(3), 117074.

Duhay V, et al. (2026) Control of lysosome function by the GTPase-activating protein TBC1D9B and its binding partner TMEM55B. Nature communications, 17(1).

Yasuda T, et al. (2026) Disrupted mitochondrial dynamics activate RNA-sensing innate immunity through mitochondrial RNA release. Cell reports, 45(7), 117607.

Lane AR, et al. (2026) Distinct signaling mechanisms and proteome phenotypes are elicited by compartment-specific genetic defects of copper homeostasis. bioRxiv : the preprint server for biology.

Yue Z, et al. (2026) Subcellular Redistribution of Endomembrane GPR15 Promotes NAD⁺-Mediated Metabolic Reprogramming and Boosts 5-FU Chemosensitivity in Colorectal Cancer. Cancer research, 86(9), 2253.

Kostas M, et al. (2026) Unconventional activation of the proto-oncogene FGFR1 by extracellular phosphate via H₂O₂-mediated kinase oxidation. Cell reports, 45(6), 117504.

Hank T, et al. (2025) Collagen XVII Promotes Pancreatic Ductal Adenocarcinoma Tumor Growth through Regulation of PIK3R5. Cancer research communications, 5(8), 1319.

Lee C, et al. (2025) DMXL1 promotes recruitment of V1-ATPase to lysosomes upon TRPML1 activation. Nature structural & molecular biology.

Valeros J, et al. (2025) Rhodoquinone carries electrons in the mammalian electron transport chain. Cell, 188(4), 1084.

Kim J, et al. (2025) Protocol for assessing the clogging of the mitochondrial translocase of the outer membrane by precursor proteins in human cells. STAR protocols, 6(1), 103617.

Su Y, et al. (2025) CD47-blocking antibody confers metabolic benefits against obesity. Cell reports. Medicine, 6(5), 102089.

Brown LM, et al. (2025) A novel TRKB-activating internal tandem duplication characterizes a new mechanism of receptor tyrosine kinase activation. NPJ precision oncology, 9(1), 137.

Wisessaowapak C, et al. (2025) Protocol for differentiating murine 3T3-L1 and SVF-derived preadipocytes and isolating crude mitochondrial fractions. STAR protocols, 6(3), 104045.

Aikio M, et al. (2025) Opposing roles of p38 γ -mediated phosphorylation and PRMT1-mediated arginine methylation in driving TDP-43 proteinopathy. Cell reports, 44(1), 115205.

Djalalvandi A, et al. (2025) Opantimirs: A class of antagonizing microRNAs that upregulate Opa1 and improve mitochondrial and disuse myopathies. Cell reports. Medicine, 6(8), 102248.

Zheng J, et al. (2025) Dapk2 dysfunction leads to Mic60 lactylation and mitochondrial metabolic reprogramming, promoting lung cancer EGFR-TKI resistance and metastasis. Developmental cell.

Ruan YH, et al. (2025) Intracellular IL1 β in Peritumoral Monocytes Induces IL8 Production and Inhibits Mitophagy to Promote Stemness and Metastasis of Hepatocellular Carcinoma. Cancer research, 85(21), 4164.

He X, et al. (2025) Lysine vitcylation is a vitamin C-derived protein modification that enhances STAT1-mediated immune response. Cell, 188(7), 1858.

Ali RH, et al. (2025) A methyltransferase-independent role for METTL1 in tRNA aminoacylation and oncogenic transformation. Molecular cell, 85(5), 948.