Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 8, 2025

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: 20241016T224617+0000

Record Last Update: 20241016T232851+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 93 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zheng C, et al. (2024) IFN?-induced BST2+ tumor-associated macrophages facilitate immunosuppression and tumor growth in pancreatic cancer by ERK-CXCL7 signaling. Cell reports, 43(4), 114088.

Ito R, et al. (2024) Mitochondrial biogenesis in white adipose tissue mediated by JMJD1A-PGC-1 axis limits age-related metabolic disease. iScience, 27(4), 109398.

Li M, et al. (2024) AMPK targets PDZD8 to trigger carbon source shift from glucose to glutamine. Cell research, 34(10), 683.

Lee B, et al. (2024) SARS-CoV-2 infection exacerbates the cellular pathology of Parkinson's disease in human dopaminergic neurons and a mouse model. Cell reports. Medicine, 5(5), 101570.

Baker MJ, et al. (2024) CLPB disaggregase dysfunction impacts the functional integrity of the proteolytic SPY complex. The Journal of cell biology, 223(3).

Lane AR, et al. (2024) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. bioRxiv : the preprint server for biology.

Longo M, et al. (2024) Opposing roles for AMPK in regulating distinct mitophagy pathways. Molecular cell, 84(22), 4350.

Peng X, et al. (2024) HMOX1-LDHB interaction promotes ferroptosis by inducing mitochondrial dysfunction in foamy macrophages during advanced atherosclerosis. Developmental cell.

Kim J, et al. (2024) ATAD1 prevents clogging of TOM and damage caused by un-imported mitochondrial proteins. Cell reports, 43(8), 114473.

Thangavel H, et al. (2024) Adipocyte-released adipomes in Chagas cardiomyopathy: Impact

on cardiac metabolic and immune regulation. iScience, 27(5), 109672.

Zhu Y, et al. (2024) Cross-link assisted spatial proteomics to map sub-organelle proteomes and membrane protein topologies. Nature communications, 15(1), 3290.

Tamura Y, et al. (2024) Monocarboxylate transporter 4 deficiency enhances high-intensity interval training-induced metabolic adaptations in skeletal muscle. The Journal of physiology, 602(7), 1313.

Xiao J, et al. (2024) 25-Hydroxycholesterol regulates lysosome AMP kinase activation and metabolic reprogramming to educate immunosuppressive macrophages. Immunity, 57(5), 1087.

Bhat SA, et al. (2024) Geranylgeranylated SCFFBXO10 regulates selective outer mitochondrial membrane proteostasis and function. Cell reports, 43(10), 114783.

Lv L, et al. (2024) NEMF-mediated Listerin-independent mitochondrial translational surveillance by E3 ligase Pirh2 and mitochondrial protease ClpXP. Cell reports, 43(3), 113860.

Elancheliyan P, et al. (2024) OCIAD1 and prohibitins regulate the stability of the TIM23 protein translocase. Cell reports, 43(12), 115038.

Tian Y, et al. (2023) FUNDC1: a key mediator of adenosine A2BR activation-induced inhibition of cardiac mitophagy under ischemia/reperfusion conditions. Cardiovascular diagnosis and therapy, 13(3), 509.

Ma L, et al. (2023) Two RNA-binding proteins mediate the sorting of miR223 from mitochondria into exosomes. eLife, 12.

Plewes MR, et al. (2023) Luteal Lipid Droplets: A Novel Platform for Steroid Synthesis. Endocrinology, 164(9).

Suh J, et al. (2023) Mitochondrial fragmentation and donut formation enhance mitochondrial secretion to promote osteogenesis. Cell metabolism, 35(2), 345.