

Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

Recombinant Anti-COX IV antibody [EPR9442(ABC)] - Mitochondrial Loading Control

RRID:AB_2861351

Type: Antibody

Proper Citation

Abcam Cat# ab202554, RRID:AB_2861351

Antibody Information

URL: http://antibodyregistry.org/AB_2861351

Proper Citation: Abcam Cat# ab202554, RRID:AB_2861351

Target Antigen: COX IV

Host Organism: rabbit

Clonality: recombinant

Comments: Applications: ICC/IF, IP, Flow Cyt, IHC-P, WB

Antibody Name: Recombinant Anti-COX IV antibody [EPR9442(ABC)] - Mitochondrial Loading Control

Description: This recombinant targets COX IV

Target Organism: rat, mouse, human

Clone ID: EPR9442(ABC)

Antibody ID: AB_2861351

Vendor: Abcam

Catalog Number: ab202554

Record Creation Time: 20231110T032031+0000

Record Last Update: 20260829T225813+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-COX IV antibody [EPR9442(ABC)] - Mitochondrial Loading Control.

No alerts have been found for Recombinant Anti-COX IV antibody [EPR9442(ABC)] - Mitochondrial Loading Control.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Gong G, et al. (2026) NDUFA5 deficiency promotes renal inflammation in diabetic nephropathy via mitochondrial ROS signaling. *iScience*, 29(5), 115555.

Zhang H, et al. (2025) SOCS2 alleviates traumatic brain injury-induced mitochondrial damage and parthanatos in endothelial cells by inhibiting the JAK2/STAT3 signaling pathway. *Metabolic brain disease*, 40(7), 289.

Zhang X, et al. (2025) Activation of the impaired NAMPT/SIRT7/SOD2 axis restores alveolar progenitor cell homeostasis in idiopathic pulmonary fibrosis and reverses pulmonary fibrosis in mice. *bioRxiv : the preprint server for biology*.

MacMillan AC, et al. (2025) PRPS activity tunes redox homeostasis in Myc-driven lymphoma. *Redox biology*, 84, 103649.

Caielli S, et al. (2024) Type I IFN drives unconventional IL-1?? secretion in lupus monocytes. *Immunity*, 57(11), 2497.

Chen C, et al. (2024) PRODH safeguards human naive pluripotency by limiting mitochondrial oxidative phosphorylation and reactive oxygen species production. *EMBO reports*, 25(4), 2015.

He J, et al. (2024) SENP1 facilitates OM-MSC differentiation through activating OPTN-mediated mitophagy to mitigate the neurologic impairment following ICH. *iScience*, 27(6), 109865.

Yang G, et al. (2024) Nuclear translocation of SIRT4 mediates deacetylation of U2AF2 to modulate renal fibrosis through alternative splicing-mediated upregulation of CCN2. *eLife*, 13.

Li N, et al. (2023) Alterations in histology of the aging salivary gland and correlation with the glandular inflammatory microenvironment. *iScience*, 26(5), 106571.

Zhou N, et al. (2022) Deubiquitinase OTUD3 regulates metabolism homeostasis in response to nutritional stresses. *Cell metabolism*, 34(7), 1023.

Liu R, et al. (2021) Choline kinase alpha 2 acts as a protein kinase to promote lipolysis of lipid droplets. *Molecular cell*, 81(13), 2722.