

Resource Summary Report

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

Recombinant Anti-MTCO1 antibody [EPR19628]

RRID:AB_2801537

Type: Antibody

Proper Citation

Abcam Cat# ab203912, RRID:AB_2801537

Antibody Information

URL: http://antibodyregistry.org/AB_2801537

Proper Citation: Abcam Cat# ab203912, RRID:AB_2801537

Target Antigen: MTCO1

Host Organism: rabbit

Clonality: monoclonal

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

Antibody Name: Recombinant Anti-MTCO1 antibody [EPR19628]

Description: This monoclonal targets MTCO1

Target Organism: rat, mouse, human

Clone ID: EPR19628

Antibody ID: AB_2801537

Vendor: Abcam

Catalog Number: ab203912

Record Creation Time: 20231110T032751+0000

Record Last Update: 20260830T011322+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-MTCO1 antibody [EPR19628].

No alerts have been found for Recombinant Anti-MTCO1 antibody [EPR19628].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Secic D, et al. (2026) Dynamic assessment of the allocation of copper to cytochrome c oxidase using size-exclusion chromatography (SEC) combined with inductively coupled plasma mass spectrometry (ICP-MS). The Journal of biological chemistry, 302(4), 111278.

Xia M, et al. (2026) A machine learning-based megakaryocyte identification system uncovers resident organs, markers, and functional diversity. Developmental cell, 61(6), 1319.

Xu J, et al. (2026) Hyperglycemia impairs cognitive function by inducing mitochondrial damage through lactylation of LRPPRC at K223. EMBO molecular medicine, 18(6), 2038.

Cui J, et al. (2026) Molecular mechanism underlying the specific RNA recognition of mitochondrial helicase DDX28 and its critical role in mitoribosomal biogenesis. Structure (London, England : 1993), 34(5), 853.

Bischoff ME, et al. (2025) Copper Drives Remodeling of Metabolic State and Progression of Clear Cell Renal Cell Carcinoma. Cancer discovery, 15(2), 401.

Dang R, et al. (2024) Effects of the Glucocorticoid-Mediated Mitochondrial Translocation of Glucocorticoid Receptors on Oxidative Stress and Pyroptosis in BV-2 Microglia. Journal of molecular neuroscience : MN, 74(1), 30.

Zhang J, et al. (2024) Chemical activation of mitochondrial ClpP to modulate energy metabolism of CD4+ T??cell for inflammatory bowel diseases treatment. Cell reports. Medicine, 5(12), 101840.

Wei J, et al. (2023) Hepatic depletion of nucleolar protein mDEF causes excessive mitochondrial copper accumulation associated with p53 and NRF1 activation. iScience, 26(7), 107220.

Ikenaka A, et al. (2023) SMN promotes mitochondrial metabolic maturation during myogenesis by regulating the MYOD-miRNA axis. Life science alliance, 6(3).

Jin X, et al. (2022) Glycyrrhetic acid restricts mitochondrial energy metabolism by targeting SHMT2. iScience, 25(5), 104349.