Resource Summary Report

Generated by NIF on Sep 10, 2026

ATP5A1 Monoclonal Antibody (15H4C4)

RRID:AB_2533548
Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 43-9800, RRID:AB_2533548

Antibody Information

URL: http://antibodyregistry.org/AB_2533548

Proper Citation: Thermo Fisher Scientific Cat# 43-9800, RRID:AB_2533548

Target Antigen: ATP5A1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow, ICC/IF, IHC, WB

Antibody Name: ATP5A1 Monoclonal Antibody (15H4C4)

Description: This monoclonal targets ATP5A1

Target Organism: rat, mouse, drosophila, bovine, human

Clone ID: Clone 15H4C4

Defining Citation: PMID:27121971, PMID:26598558, PMID:22668512, PMID:24120970

Antibody ID: AB_2533548

Vendor: Thermo Fisher Scientific

Catalog Number: 43-9800

Record Creation Time: 20251213T073925+0000

Record Last Update: 20260903T215713+0000

Ratings and Alerts

No rating or validation information has been found for ATP5A1 Monoclonal Antibody (15H4C4).

No alerts have been found for ATP5A1 Monoclonal Antibody (15H4C4).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Hwang HJ, et al. (2025) Drosophila Clu ribonucleoprotein particle dynamics rely on the availability of functional Clu and translating ribosomes. Journal of cell science, 138(9).

Khan A, et al. (2025) Machine-learning-guided discovery of SLC25A45 as a mediator of mitochondrial methylated amino acid import and carnitine synthesis. Cell metabolism, 37(11), 2220.

Tian D, et al. (2024) Bacterial muropeptides promote OXPHOS and suppress mitochondrial stress in mammals. Cell reports, 43(4), 114067.

Ayachit MS, et al. (2023) Atg1 modulates mitochondrial dynamics to promote germline stem cell maintenance in Drosophila. Biochemical and biophysical research communications, 643, 192.

Akabane S, et al. (2023) TIM23 facilitates PINK1 activation by safeguarding against OMA1-mediated degradation in damaged mitochondria. Cell reports, 42(5), 112454.

Tian D, et al. (2022) Bacterial peptidoglycan muropeptides benefit mitochondrial homeostasis and animal physiology by acting as ATP synthase agonists. Developmental cell, 57(3), 361.

Park SY, et al. (2022) In vivo characterization of Drosophila golgins reveals redundancy and plasticity of vesicle capture at the Golgi apparatus. Current biology : CB, 32(21), 4549.

Nilangekar K, et al. (2019) Generation and Characterization of Germline-Specific Autophagy and Mitochondrial Reactive Oxygen Species Reporters in Drosophila. Frontiers in cell and developmental biology, 7, 47.

Lin S, et al. (2019) Fascin Controls Metastatic Colonization and Mitochondrial Oxidative Phosphorylation by Remodeling Mitochondrial Actin Filaments. Cell reports, 28(11), 2824.

Lin G, et al. (2018) Phospholipase PLA2G6, a Parkinsonism-Associated Gene, Affects Vps26 and Vps35, Retromer Function, and Ceramide Levels, Similar to ?-Synuclein Gain. Cell metabolism, 28(4), 605.

Qi B, et al. (2018) Microbial Siderophore Enterobactin Promotes Mitochondrial Iron Uptake and Development of the Host via Interaction with ATP Synthase. Cell, 175(2), 571.

Vagnoni A, et al. (2018) A cAMP/PKA/Kinesin-1 Axis Promotes the Axonal Transport of Mitochondria in Aging Drosophila Neurons. Current biology : CB, 28(8), 1265.

Tan KL, et al. (2018) Ari-1 Regulates Myonuclear Organization Together with Parkin and Is Associated with Aortic Aneurysms. Developmental cell, 45(2), 226.

Wettmarshausen J, et al. (2018) MICU1 Confers Protection from MCU-Dependent Manganese Toxicity. Cell reports, 25(6), 1425.

Benador IY, et al. (2018) Mitochondria Bound to Lipid Droplets Have Unique Bioenergetics, Composition, and Dynamics that Support Lipid Droplet Expansion. Cell metabolism, 27(4), 869.