Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 15, 2025

Anti-Lipoic Acid Rabbit pAb

RRID:AB_212120
Type: Antibody

Proper Citation

(Millipore Cat# 437695, RRID:AB_212120)

Antibody Information

URL: http://antibodyregistry.org/AB_212120

Proper Citation: (Millipore Cat# 437695, RRID:AB_212120)

Target Antigen: Lipoic Acid

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: ELISA, Frozen Sections, Immunoblotting, Paraffin Sections Consolidation on 1/2024: AB_10683357

Antibody Name: Anti-Lipoic Acid Rabbit pAb

Description: This polyclonal targets Lipoic Acid

Target Organism: all

Antibody ID: AB_212120

Vendor: Millipore

Catalog Number: 437695

Alternative Catalog Numbers: 437695-100UL

Record Creation Time: 20231110T070333+0000

Record Last Update: 20241115T104926+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Lipoic Acid Rabbit pAb.

No alerts have been found for Anti-Lipoic Acid Rabbit pAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Perfitt TL, et al. (2024) A modified mouse model of Friedreich's ataxia with conditional Fxn allele homozygosity delays onset of cardiomyopathy. American journal of physiology. Heart and circulatory physiology, 326(2), H357.

Meisel JD, et al. (2024) Hypoxia and intra-complex genetic suppressors rescue complex I mutants by a shared mechanism. Cell, 187(3), 659.

Russo M, et al. (2024) Acetyl-CoA production by Mediator-bound 2-ketoacid dehydrogenases boosts de novo histone acetylation and is regulated by nitric oxide. Molecular cell, 84(5), 967.

Ward NP, et al. (2024) Mitochondrial respiratory function is preserved under cysteine starvation via glutathione catabolism in NSCLC. Nature communications, 15(1), 4244.

Wen H, et al. (2023) Cuproptosis enhances docetaxel chemosensitivity by inhibiting autophagy via the DLAT/mTOR pathway in prostate cancer. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 37(9), e23145.

Tanvir Rahman M, et al. (2023) An engineered variant of MECR reductase reveals indispensability of long-chain acyl-ACPs for mitochondrial respiration. Nature communications, 14(1), 619.

Pietikäinen LP, et al. (2021) Genetic dissection of the mitochondrial lipoylation pathway in yeast. BMC biology, 19(1), 14.

Leandro J, et al. (2020) DHTKD1 and OGDH display substrate overlap in cultured cells and form a hybrid 2-oxo acid dehydrogenase complex in vivo. Human molecular genetics, 29(7), 1168.

Nowinski SM, et al. (2020) Mitochondrial fatty acid synthesis coordinates oxidative metabolism in mammalian mitochondria. eLife, 9.

Fisher-Wellman KH, et al. (2019) Respiratory Phenomics across Multiple Models of Protein Hyperacylation in Cardiac Mitochondria Reveals a Marginal Impact on Bioenergetics. Cell reports, 26(6), 1557.

Ni M, et al. (2019) Functional Assessment of Lipoyltransferase-1 Deficiency in Cells, Mice, and Humans. Cell reports, 27(5), 1376.

Bowman CE, et al. (2017) The Mammalian Malonyl-CoA Synthetase ACSF3 Is Required for Mitochondrial Protein Malonylation and Metabolic Efficiency. Cell chemical biology, 24(6), 673.

Maio N, et al. (2017) A Single Adaptable Cochaperone-Scaffold Complex Delivers Nascent Iron-Sulfur Clusters to Mammalian Respiratory Chain Complexes I-III. Cell metabolism, 25(4), 945.

Grayczyk JP, et al. (2017) A Lipoylated Metabolic Protein Released by Staphylococcus aureus Suppresses Macrophage Activation. Cell host & microbe, 22(5), 678.