

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Lipoic Acid antibody

RRID:AB_880635

Type: Antibody

Proper Citation

Abcam Cat# ab58724, RRID:AB_880635

Antibody Information

URL: http://antibodyregistry.org/AB_880635

Proper Citation: Abcam Cat# ab58724, RRID:AB_880635

Target Antigen: Lipoic Acid antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry; Immunohistochemistry - frozen; Immunohistochemistry - fixed; Western Blot; ELISA; ELISA, IHC-Fr, IHC-P, WB

Antibody Name: Lipoic Acid antibody

Description: This polyclonal targets Lipoic Acid antibody

Antibody ID: AB_880635

Vendor: Abcam

Catalog Number: ab58724

Record Creation Time: 20250820T013217+0000

Record Last Update: 20250820T111207+0000

Ratings and Alerts

No rating or validation information has been found for Lipoic Acid antibody.

No alerts have been found for Lipoic Acid antibody.

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](#) .

Lewis AC, et al. (2026) Inhibition of heme biosynthesis triggers cuproptosis in acute myeloid leukemia. *Cell*, 189(1), 215.

Yang Z, et al. (2025) Hypoxia inducible factor-1?? drives cancer resistance to cuproptosis. *Cancer cell*, 43(5), 937.

Liao Q, et al. (2025) p53 induces circFRMD4A to suppress cancer development through glycolytic reprogramming and cuproptosis. *Molecular cell*, 85(1), 132.

Liu S, et al. (2025) The TIM22 carrier translocase supports cell proliferation by facilitating mitochondrial iron uptake for Fe-S biogenesis. *Molecular cell*, 85(24), 4587.

Dang D, et al. (2025) Isocitrate dehydrogenase 1 primes group-3 medulloblastomas for cuproptosis. *Cancer cell*, 43(6), 1159.

Webb BD, et al. (2023) Recessive pathogenic variants in MCAT cause combined oxidative phosphorylation deficiency. *eLife*, 12.

Xing T, et al. (2023) Targeting the TCA cycle through cuproptosis confers synthetic lethality on ARID1A-deficient hepatocellular carcinoma. *Cell reports. Medicine*, 4(11), 101264.

Mukha D, et al. (2022) Glycine decarboxylase maintains mitochondrial protein lipoylation to support tumor growth. *Cell metabolism*, 34(5), 775.

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

Toshniwal AG, et al. (2019) ROS Inhibits Cell Growth by Regulating 4EBP and S6K, Independent of TOR, during Development. *Developmental cell*, 49(3), 473.

Habarou F, et al. (2017) Biallelic Mutations in LIPT2 Cause a Mitochondrial Lipoylation Defect Associated with Severe Neonatal Encephalopathy. *American journal of human genetics*, 101(2), 283.