Resource Summary Report

Generated by NIF on Sep 4, 2026

SQLE antibody

RRID:AB_2195888
Type: Antibody

Proper Citation

Proteintech Cat# 12544-1-AP, RRID:AB_2195888

Antibody Information

URL: http://antibodyregistry.org/AB_2195888

Proper Citation: Proteintech Cat# 12544-1-AP, RRID:AB_2195888

Target Antigen: SQLE

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, IP, IHC, IF, ELISA

Antibody Name: SQLE antibody

Description: This polyclonal targets SQLE

Target Organism: rat, hamster, mouse, human

Antibody ID: AB_2195888

Vendor: Proteintech

Catalog Number: 12544-1-AP

Record Creation Time: 20231110T075342+0000

Record Last Update: 20260829T103314+0000

Ratings and Alerts

No rating or validation information has been found for SQLE antibody.

No alerts have been found for SQLE antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Li G, et al. (2026) Spatial Multiomics Analyses Reveal That Diabetes Promotes Pancreatic Cancer Progression by Stimulating Cholesterol-Induced Neutrophil Extracellular Trap Formation. Cancer research, 86(10), 2327.

Zhang Y, et al. (2026) Targeting ER lipid raft-associated 1 reveals a coordinated cholesterol-dependent vulnerability in hepatocellular carcinoma. Clinical and molecular hepatology, 32(2), 866.

Wang Y, et al. (2026) NAT10 drives hepatocellular carcinoma progression through SQLE-mediated cholesterol biosynthesis and is targetable by remodelin. iScience, 29(1), 114488.

Harhai M, et al. (2025) An updated inventory of genes essential for oxidative phosphorylation identifies a mitochondrial origin in familial Ménière's disease. Cell reports, 44(8), 116069.

Chang S, et al. (2025) Succinate supplementation alleviates liver cancer by inhibiting the FN1/SQLE axis-mediated cholesterol biosynthesis. iScience, 28(2), 111731.

Zhou Y, et al. (2025) Post-translational switch of DHCR24 acetylation sustains sterol synthesis and promotes HCC via the 7-ketocholesterol/p62 axis. Cell reports, 44(12), 116640.

Pan J, et al. (2025) SQLE-catalyzed squalene metabolism promotes mitochondrial biogenesis and tumor development in K-ras-driven cancer. Cancer letters, 616, 217586.

Liu Y, et al. (2024) Squalene-epoxidase-catalyzed 24(S),25-epoxycholesterol synthesis promotes trained-immunity-mediated antitumor activity. Cell reports, 43(4), 114094.

Yan C, et al. (2023) Exhaustion-associated cholesterol deficiency dampens the cytotoxic arm of antitumor immunity. Cancer cell, 41(7), 1276.

Mun SH, et al. (2023) Marchf6 E3 ubiquitin ligase critically regulates endoplasmic reticulum stress, ferroptosis, and metabolic homeostasis in POMC neurons. Cell reports, 42(7), 112746.

Zhou M, et al. (2023) A proximity labeling strategy enables proteomic analysis of inter-organelle membrane contacts. iScience, 26(7), 107159.

Shangguan X, et al. (2022) Squalene Epoxidase Metabolic Dependency Is a Targetable Vulnerability in Castration-Resistant Prostate Cancer. Cancer research, 82(17), 3032.

Wang Y, et al. (2022) Tim-4 reprograms cholesterol metabolism to suppress antiviral innate immunity by disturbing the Insig1-SCAP interaction in macrophages. Cell reports, 41(9), 111738.

Ho GY, et al. (2022) Epithelial-to-Mesenchymal Transition Supports Ovarian Carcinosarcoma Tumorigenesis and Confers Sensitivity to Microtubule Targeting with Eribulin. Cancer research, 82(23), 4457.

McKenna MJ, et al. (2022) ATP13A1 prevents ERAD of folding-competent mislocalized and misoriented proteins. Molecular cell, 82(22), 4277.

Gouirand V, et al. (2022) Ketogenic HMG-CoA lyase and its product ?-hydroxybutyrate promote pancreatic cancer progression. The EMBO journal, 41(9), e110466.

Tan JME, et al. (2020) The MARCH6-SQLE Axis Controls Endothelial Cholesterol Homeostasis and Angiogenic Sprouting. Cell reports, 32(5), 107944.

Fu Y, et al. (2020) Elevation of JAML Promotes Diabetic Kidney Disease by Modulating Podocyte Lipid Metabolism. Cell metabolism, 32(6), 1052.