

Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

CPT1A antibody

RRID:AB_2084676

Type: Antibody

Proper Citation

Proteintech Cat# 15184-1-AP, RRID:AB_2084676

Antibody Information

URL: http://antibodyregistry.org/AB_2084676

Proper Citation: Proteintech Cat# 15184-1-AP, RRID:AB_2084676

Target Antigen: CPT1A

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: CPT1A antibody

Description: This polyclonal targets CPT1A

Target Organism: rat, cows, mouse, zebrafish, human

Antibody ID: AB_2084676

Vendor: Proteintech

Catalog Number: 15184-1-AP

Record Creation Time: 20231110T073343+0000

Record Last Update: 20260829T020238+0000

Ratings and Alerts

No rating or validation information has been found for CPT1A antibody.

No alerts have been found for CPT1A antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Liu X, et al. (2026) Acetaminophen aggravates valproate-induced hepatic lipid accumulation and apoptosis by facilitating valproate retention. *British journal of pharmacology*, 183(3), 598.

Gu Y, et al. (2026) Targeting cholesterol esterification sensitizes liver cancer to CD8+ T cell attack by impairing metabolic and redox resilience. *Immunity*, 59(7), 1948.

Bernardi F, et al. (2026) Multiomic integration reveals tumoral heterogeneity of lipid dependence within lethal group 3 medulloblastoma. *Cancer cell*.

Qiao S, et al. (2026) Gut Mycobiota-Associated Tryptophan Catabolites Protect Against Metabolic Dysfunction-Associated Steatotic Liver Disease. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(39), e14830.

Peng Z, et al. (2025) YEATS4 reads histone crotonylation to promote fatty acid metabolism and cancer cell stemness. *Cell reports*, 44(10), 116400.

Chen H, et al. (2025) Intermittent fasting triggers interorgan communication to suppress hair follicle regeneration. *Cell*, 188(1), 157.

Miao Z, et al. (2025) Roseburia hominis enriched by baicalin reverses the non-response to metformin via upregulating linolenic acid metabolism. *iScience*, 28(11), 113892.

Song L, et al. (2025) Meteorin-like alleviates hepatic steatosis by regulating hepatic triglyceride secretion and fatty acid oxidation. *Cell reports*, 44(2), 115246.

Li YX, et al. (2025) Succinylation enables IDE to act as a hub of larval tissue destruction and adult tissue reconstruction during insect metamorphosis. *Science advances*, 11(6), eads0643.

Yin Y, et al. (2024) Ginsenoside Rb1 regulates CPT1A deacetylation to inhibit intramuscular fat infiltration after rotator cuff tear. *iScience*, 27(7), 110331.

Damiecki M, et al. (2024) Mitochondrial apolipoprotein MIC26 is a metabolic rheostat regulating central cellular fuel pathways. *Life science alliance*, 7(12).

Wang J, et al. (2023) Hepatic conversion of acetyl-CoA to acetate plays crucial roles in energy stress. *eLife*, 12.

Song K, et al. (2023) WTAP boosts lipid oxidation and induces diabetic cardiac fibrosis by enhancing AR methylation. *iScience*, 26(10), 107931.

Castoldi A, et al. (2023) Metabolic and functional remodeling of colonic macrophages in response to high-fat diet-induced obesity. *iScience*, 26(10), 107719.

Breternitz W, et al. (2022) The HSF1-CPT1a Pathway Is Differentially Regulated in NAFLD Progression. *Cells*, 11(21).

Tan Y, et al. (2022) Metabolic reprogramming from glycolysis to fatty acid uptake and beta-oxidation in platinum-resistant cancer cells. *Nature communications*, 13(1), 4554.

Juraszek B, et al. (2021) Glioma cells survival depends both on fatty acid oxidation and on functional carnitine transport by SLC22A5. *Journal of neurochemistry*, 156(5), 642.

Wang Z, et al. (2021) Pharmaceutical targeting of succinate dehydrogenase in fibroblasts controls bleomycin-induced lung fibrosis. *Redox biology*, 46, 102082.

Sun R, et al. (2020) Sirtuin 3-mediated deacetylation of acyl-CoA synthetase family member 3 by protocatechuic acid attenuates non-alcoholic fatty liver disease. *British journal of pharmacology*, 177(18), 4166.

Tomita I, et al. (2020) SGLT2 Inhibition Mediates Protection from Diabetic Kidney Disease by Promoting Ketone Body-Induced mTORC1 Inhibition. *Cell metabolism*, 32(3), 404.