

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 5, 2026

Anti-CPT2 Antibody

RRID:AB_2687503

Type: Antibody

Proper Citation

Abcam Cat# ab181114, RRID:AB_2687503

Antibody Information

URL: http://antibodyregistry.org/AB_2687503

Proper Citation: Abcam Cat# ab181114, RRID:AB_2687503

Target Antigen: CPT2

Host Organism: rabbit

Clonality: monoclonal

Comments: Image validation for ICC/IF, WB, IHC-P

Antibody Name: Anti-CPT2 Antibody

Description: This monoclonal targets CPT2

Target Organism: rat, mouse, human

Clone ID: EPR13626

Defining Citation: [PMID:28591636](#)

Antibody ID: AB_2687503

Vendor: Abcam

Catalog Number: ab181114

Record Creation Time: 20231110T034042+0000

Record Last Update: 20260831T223056+0000

Ratings and Alerts

No rating or validation information has been found for Anti-CPT2 Antibody.

No alerts have been found for Anti-CPT2 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Senoo N, et al. (2026) Disturbed mitochondrial maturation in cardiolipin remodeling-deficient cardiomyocytes. *iScience*, 29(3), 115111.

Kumar M, et al. (2025) Triglycerides are an important fuel reserve for synapse function in the brain. *Nature metabolism*, 7(7), 1392.

Ogawa A, et al. (2025) Adenosine kinase and ADAL coordinate detoxification of modified adenosines to safeguard metabolism. *Cell*.

Zhen Q, et al. (2025) Erucic Acid, Derived by *Lactobacillus Crispatus*, Induces Ferroptosis in Cervical Cancer Organoids Through the PPAR- γ Signaling Pathway. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(48), e12599.

Ito S, et al. (2025) Involvement of impaired carnitine-induced fatty acid oxidation in experimental and human diabetic kidney disease. *JCI insight*, 10(13).

Tian RF, et al. (2025) Carnitine palmitoyltransferase 2 as a novel prognostic biomarker and immunoregulator in colorectal cancer. *International journal of biological macromolecules*, 309(Pt 3), 142945.

Yi Y, et al. (2023) Fatty acid synthesis and oxidation regulate human endoderm differentiation by mediating SMAD3 nuclear localization via acetylation. *Developmental cell*, 58(18), 1670.

Speck SL, et al. (2023) Hepatic palmitoyl-proteomes and acyl-protein thioesterase protein proximity networks link lipid modification and mitochondria. *Cell reports*, 42(11), 113389.

Huang D, et al. (2021) Multiomic analysis identifies CPT1A as a potential therapeutic target in platinum-refractory, high-grade serous ovarian cancer. *Cell reports. Medicine*, 2(12), 100471.

Hardivillé S, et al. (2020) TATA-Box Binding Protein O-GlcNAcylation at T114 Regulates Formation of the B-TFIID Complex and Is Critical for Metabolic Gene Regulation. *Molecular cell*, 77(5), 1143.

Zhang J, et al. (2020) Molecular Profiling Reveals a Common Metabolic Signature of Tissue Fibrosis. *Cell reports. Medicine*, 1(4), 100056.

Xiong J, et al. (2018) A Metabolic Basis for Endothelial-to-Mesenchymal Transition. *Molecular cell*, 69(4), 689.

Aichler M, et al. (2017) N-acyl Taurines and Acylcarnitines Cause an Imbalance in Insulin Synthesis and Secretion Provoking ? Cell Dysfunction in Type 2 Diabetes. *Cell metabolism*, 25(6), 1334.