

# Resource Summary Report

Generated by SPARC SAWG on Sep 3, 2026

## Anti-CPT2 Antibody

RRID:AB\_2687503

Type: Antibody

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### Proper Citation

Abcam Cat# ab181114, RRID:AB\_2687503

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2687503](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

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### Ratings and Alerts

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

No alerts have been found for Anti-CPT2 Antibody.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 13 mentions in open access literature.

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

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- $\gamma$  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.