

# Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

## UCP1 Rabbit Antibody

RRID:AB\_2687530

Type: Antibody

---

### Proper Citation

Cell Signaling Technology Cat# 14670, RRID:AB\_2687530

---

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2687530](http://antibodyregistry.org/AB_2687530)

**Proper Citation:** Cell Signaling Technology Cat# 14670, RRID:AB\_2687530

**Target Antigen:** UCP1

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** Applications: W, IP

**Antibody Name:** UCP1 Rabbit Antibody

**Description:** This monoclonal targets UCP1

**Target Organism:** mouse

**Clone ID:** D9D6X

**Defining Citation:** [PMID:27240637](#)

**Antibody ID:** AB\_2687530

**Vendor:** Cell Signaling Technology

**Catalog Number:** 14670

**Alternative Catalog Numbers:** 14670S

**Record Creation Time:** 20250819T231413+0000

**Record Last Update:** 20250820T044309+0000

---

### Ratings and Alerts

No rating or validation information has been found for UCP1 Rabbit Antibody.

No alerts have been found for UCP1 Rabbit Antibody.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Chen Y, et al. (2026) Ceritinib induces ferroptosis via TRIM21-mediated GLUT1 ubiquitination and AMPK-driven metabolic reprogramming in breast cancer. *iScience*, 29(6), 115846.

Keawsomnuk P, et al. (2025) Effect of 8-Methyl Nonanoic Acid, a Degradation By-Product of Dihydrocapsaicin, on Energy and Glucose Homeostasis in Diet-Induced Obese Mice. *Journal of experimental pharmacology*, 17, 555.

Singh I, et al. (2025) NRAC controls CD36-mediated fatty acid uptake in adipocytes and lipid clearance in vivo. *The EMBO journal*, 44(18), 5037.

Zhou R, et al. (2025) Adipose m6A reader YTHDF2 promotes obesity, insulin resistance, and liver steatosis by suppressing ??-adrenergic signaling and lipolysis. *Cell reports*, 44(10), 116445.

Nam JS, et al. (2025) An Iron-regulated Signalling Pathway Controls Adipose Browning and Cancer Cachexia. *bioRxiv : the preprint server for biology*.

Xiao L, et al. (2024) m6A mRNA methylation in brown fat regulates systemic insulin sensitivity via an inter-organ prostaglandin signaling axis independent of UCP1. *Cell metabolism*, 36(10), 2207.

Brown RDR, et al. (2024) Overexpression of ORMDL3 confers sexual dimorphism in diet-induced non-alcoholic steatohepatitis. *Molecular metabolism*, 79, 101851.

Tong L, et al. (2024) Transketolase promotes MAFLD by limiting inosine-induced mitochondrial activity. *Cell metabolism*, 36(5), 1013.

Zhao M, et al. (2023) Targeting activin receptor-like kinase 7 ameliorates adiposity and associated metabolic disorders. *JCI insight*, 8(4).

Rashid M, et al. (2023) Inhibition of high-fat diet-induced inflammatory responses in adipose tissue by SF1-expressing neurons of the ventromedial hypothalamus. *Cell reports*, 42(6), 112627.

Nahmgoong H, et al. (2022) Distinct properties of adipose stem cell subpopulations determine fat depot-specific characteristics. *Cell metabolism*, 34(3), 458.

Zhang Z, et al. (2022) Obesity caused by an OVOL2 mutation reveals dual roles of OVOL2 in promoting thermogenesis and limiting white adipogenesis. *Cell metabolism*, 34(11), 1860.

Wei M, et al. (2020) A dysregulated bile acid-gut microbiota axis contributes to obesity susceptibility. *EBioMedicine*, 55, 102766.

Kuo YY, et al. (2020) Glibenclamide restores dopaminergic reward circuitry in obese mice through interscapular brown adipose tissue. *Psychoneuroendocrinology*, 118, 104712.

Holland J, et al. (2019) A Brain-Melanocortin-Vagus Axis Mediates Adipose Tissue Expansion Independently of Energy Intake. *Cell reports*, 27(8), 2399.

Tharp KM, et al. (2018) Actomyosin-Mediated Tension Orchestrates Uncoupled Respiration in Adipose Tissues. *Cell metabolism*, 27(3), 602.