# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

## HSL Antibody

RRID:AB_2296900
Type: Antibody

### Proper Citation

(Cell Signaling Technology Cat# 4107, RRID:AB_2296900)

### Antibody Information

**URL:** http://antibodyregistry.org/AB_2296900

**Proper Citation:** (Cell Signaling Technology Cat# 4107, RRID:AB_2296900)

**Target Antigen:** HSL

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: W, IP, IF-IC

**Antibody Name:** HSL Antibody

**Description:** This polyclonal targets HSL

**Target Organism:** mouse, human

**Antibody ID:** AB_2296900

**Vendor:** Cell Signaling Technology

**Catalog Number:** 4107

**Alternative Catalog Numbers:** 4107S

**Record Creation Time:** 20231110T045225+0000

**Record Last Update:** 20241115T022811+0000

### Ratings and Alerts

No rating or validation information has been found for HSL Antibody.

No alerts have been found for HSL Antibody.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 74 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.


Becattini B, et al. (2024) Adipocyte PI3K links adipostasis with baseline insulin secretion at fasting through an adipoincretin effect. Cell reports, 43(5), 114132.

Roy D, et al. (2024) ?2?1-mediated maladaptive sensory plasticity disrupts adipose tissue homeostasis following spinal cord injury. Cell reports. Medicine, 5(5), 101525.

Chan JSF, et al. (2024) Growth differentiation factor 15 alleviates diastolic dysfunction in mice with experimental diabetic cardiomyopathy. Cell reports, 43(8), 114573.

Tokizane K, et al. (2024) DMHPpp1r17 neurons regulate aging and lifespan in mice through hypothalamic-adipose inter-tissue communication. Cell metabolism, 36(2), 377.

Andres M, et al. (2024) Insulin-degrading enzyme inhibition increases the unfolded protein response and favours lipid accumulation in the liver. British journal of pharmacology, 181(19), 3610.

Sciarretta F, et al. (2024) Lipid-associated macrophages reshape BAT cell identity in obesity. Cell reports, 43(7), 114447.

Finch MS, et al. (2024) Creatine and low-dose lithium supplementation separately alter energy expenditure, body mass, and adipose metabolism for the promotion of thermogenesis. iScience, 27(4), 109468.

Roth L, et al. (2024) Thyroid hormones are required for thermogenesis of beige adipocytes induced by Zfp423 inactivation. Cell reports, 43(12), 114987.

Cero C, et al. (2023) Standardized In Vitro Models of Human Adipose Tissue Reveal Metabolic Flexibility in Brown Adipocyte Thermogenesis. Endocrinology, 164(12).

Suchacki KJ, et al. (2023) The effects of caloric restriction on adipose tissue and metabolic health are sex- and age-dependent. eLife, 12.

Guo YF, et al. (2023) lncRNA Hnscr Regulates Lipid Metabolism by Mediating Adipocyte

Lipolysis. Endocrinology, 164(12).

Huang J, et al. (2023) Adipocyte Subpopulations Mediate Growth Hormone-induced Lipolysis and Glucose Tolerance in Male Mice. Endocrinology, 164(11).

Plewes MR, et al. (2023) Luteal Lipid Droplets: A Novel Platform for Steroid Synthesis. Endocrinology, 164(9).

Feng Z, et al. (2023) Bioactivity-based molecular networking-guided identification of guttiferone J from Garcinia cambogia as an anti-obesity candidate. British journal of pharmacology, 180(5), 589.

Peng H, et al. (2022) A mechanosensitive lipolytic factor in the bone marrow promotes osteogenesis and lymphopoiesis. Cell metabolism, 34(8), 1168.

Sancar G, et al. (2022) FGF1 and insulin control lipolysis by convergent pathways. Cell metabolism, 34(1), 171.

Sostre-Colón J, et al. (2022) Acute Deletion of the FOXO1-dependent Hepatokine FGF21 Does not Alter Basal Glucose Homeostasis or Lipolysis in Mice. Endocrinology, 163(5).

Yao J, et al. (2022) In vitro analyses of paracrine effects of murine classically activated macrophage on beige adipocyte metabolism. STAR protocols, 3(3), 101480.

Loft A, et al. (2022) A macrophage-hepatocyte glucocorticoid receptor axis coordinates fasting ketogenesis. Cell metabolism, 34(3), 473.

Kasza I, et al. (2022) Contrasting recruitment of skin-associated adipose depots during cold challenge of mouse and human. The Journal of physiology, 600(4), 847.