Resource Summary Report

Generated by RRID on Aug 5, 2026

Phospho-HSL (Ser660) Antibody

RRID:AB_490997
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4126, RRID:AB_490997

Antibody Information

URL: http://antibodyregistry.org/AB_490997

Proper Citation: Cell Signaling Technology Cat# 4126, RRID:AB_490997

Target Antigen: Phospho-HSL (Ser660)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation: AB_2135511.

Antibody Name: Phospho-HSL (Ser660) Antibody

Description: This polyclonal targets Phospho-HSL (Ser660)

Target Organism: rat, m, mouse, r

Antibody ID: AB_490997

Vendor: Cell Signaling Technology

Catalog Number: 4126

Alternative Catalog Numbers: 4126S

Record Creation Time: 20250820T035942+0000

Record Last Update: 20250820T174450+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-HSL (Ser660) Antibody.

No alerts have been found for Phospho-HSL (Ser660) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 53 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Sharma AK, et al. (2026) DGAT-driven futile lipid cycling has a pronounced, yet concealed, thermogenic function. Cell metabolism.

Cotellessa L, et al. (2025) Preventing and correcting polycystic ovary syndrome by targeting anti-Müllerian hormone signaling in minipuberty and adulthood in mice. Cell metabolism, 37(6), 1260.

Molinaro A, et al. (2025) Ablation of PI3K? in neurons protects mice from diet-induced obesity MASLD and insulin resistance. iScience, 28(1), 111562.

Tokizane K, et al. (2025) Protocol to study inter-tissue communication between the hypothalamus and white adipose tissue and lifespan using a chemogenetic approach in aged mice. STAR protocols, 6(1), 103551.

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.

Dufau J, et al. (2025) Nuclear hormone-sensitive lipase regulates adipose tissue mass and adipocyte metabolism. Cell metabolism, 37(11), 2250.

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

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.

Wang P, et al. (2024) Adipose ADM2 ameliorates NAFLD via promotion of ceramide catabolism. Acta pharmaceutica Sinica. B, 14(11), 4883.

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

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

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

Luengo-Mateos M, et al. (2023) Hypothalamic astrocytic-BMAL1 regulates energy homeostasis in a sex-dependent manner. Cell reports, 42(8), 112949.

Gu L, et al. (2023) Fructose-1,6-bisphosphatase is a nonenzymatic safety valve that curtails AKT activation to prevent insulin hyperresponsiveness. Cell metabolism, 35(6), 1009.

Redford SE, et al. (2023) CD4+ T cells regulate sickness-induced anorexia and fat wasting during a chronic parasitic infection. Cell reports, 42(8), 112814.

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.

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.

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

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).

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