

Resource Summary Report

Generated by [RRID](#) on Aug 7, 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 56 mentions in open access literature.

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

Long F, et al. (2026) MEDAG functions as an A-kinase-anchoring protein in adipocytes. *Molecular cell*, 86(5), 937.

Shao LJ, et al. (2026) Myeloid MMP14 couples extracellular proteolysis to inflammatory and metabolic remodeling during obesity. *Cell reports*, 45(7), 117681.

Chivite I, et al. (2026) Deletion of Mfn2 in endothelial cells triggers a mitohormetic response that improves systemic metabolism and healthspan in mice. *Cell metabolism*, 38(3), 546.

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 γ 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 β -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.

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.

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.

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.