Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 4, 2025

SirT5 (D8C3)

RRID:AB_2716763
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 8782, RRID:AB_2716763)

Antibody Information

URL: http://antibodyregistry.org/AB_2716763

Proper Citation: (Cell Signaling Technology Cat# 8782, RRID:AB_2716763)

Target Antigen: SirT5

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W

Antibody Name: SirT5 (D8C3)

Description: This monoclonal targets SirT5

Target Organism: rat, mouse, human

Antibody ID: AB_2716763

Vendor: Cell Signaling Technology

Catalog Number: 8782

Record Creation Time: 20231110T033803+0000

Record Last Update: 20240725T084059+0000

Ratings and Alerts

No rating or validation information has been found for SirT5 (D8C3).

No alerts have been found for SirT5 (D8C3).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Welch N, et al. (2024) Differential impact of sex on regulation of skeletal muscle mitochondrial function and protein homeostasis by hypoxia-inducible factor-1? in normoxia. The Journal of physiology, 602(12), 2763.

Zhang R, et al. (2024) Protocol for mass spectrometric profiling of lysine malonylation by lysine acetyltransferase in CRISPRi K562 cell lines. STAR protocols, 5(2), 103074.

Yuan T, et al. (2024) Human SIRT5 variants with reduced stability and activity do not cause neuropathology in mice. iScience, 27(6), 109991.

Qu Q, et al. (2024) Lithocholic acid binds TULP3 to activate sirtuins and AMPK to slow down ageing. Nature.

Huang LY, et al. (2023) Ischemic accumulation of succinate induces Cdc42 succinylation and inhibits neural stem cell proliferation after cerebral ischemia/reperfusion. Neural regeneration research, 18(5), 1040.

Li Y, et al. (2023) SIRT2 negatively regulates the cGAS-STING pathway by deacetylating G3BP1. EMBO reports, 24(12), e57500.

Zhang R, et al. (2023) Histone malonylation is regulated by SIRT5 and KAT2A. iScience, 26(3), 106193.

Hostrup M, et al. (2022) High-intensity interval training remodels the proteome and acetylome of human skeletal muscle. eLife, 11.

Oliviero G, et al. (2022) Distinct and diverse chromatin proteomes of ageing mouse organs reveal protein signatures that correlate with physiological functions. eLife, 11.

Zaganjor E, et al. (2021) SIRT4 is an early regulator of branched-chain amino acid catabolism that promotes adipogenesis. Cell reports, 36(2), 109345.

Li M, et al. (2019) Non-oncogene Addiction to SIRT3 Plays a Critical Role in

Lymphomagenesis. Cancer cell, 35(6), 916.

Wang G, et al. (2019) Regulation of UCP1 and Mitochondrial Metabolism in Brown Adipose Tissue by Reversible Succinylation. Molecular cell, 74(4), 844.