Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 11, 2025

SIRT1 (H-300)

RRID:AB_2188346 Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-15404, RRID:AB_2188346)

Antibody Information

URL: http://antibodyregistry.org/AB_2188346

Proper Citation: (Santa Cruz Biotechnology Cat# sc-15404, RRID:AB_2188346)

Target Antigen: SIRT1

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: SIRT1 (H-300)

Description: This polyclonal targets SIRT1

Target Organism: rat, mouse, human

Clone ID: H-300

Antibody ID: AB_2188346

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-15404

Record Creation Time: 20231110T043611+0000

Record Last Update: 20241115T075802+0000

Ratings and Alerts

No rating or validation information has been found for SIRT1 (H-300).

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

lyer-Bierhoff A, et al. (2024) Acetylation-induced proteasomal degradation of the activated glucocorticoid receptor limits hormonal signaling. iScience, 27(2), 108943.

Becker-Krail DD, et al. (2022) Circadian transcription factor NPAS2 and the NAD+ - dependent deacetylase SIRT1 interact in the mouse nucleus accumbens and regulate reward. The European journal of neuroscience, 55(3), 675.

Zhang XS, et al. (2021) Astaxanthin ameliorates oxidative stress and neuronal apoptosis via SIRT1/NRF2/Prx2/ASK1/p38 after traumatic brain injury in mice. British journal of pharmacology, 178(5), 1114.

Zhang XS, et al. (2021) Cerebroprotection by dioscin after experimental subarachnoid haemorrhage via inhibiting NLRP3 inflammasome through SIRT1-dependent pathway. British journal of pharmacology, 178(18), 3648.

Zhang Z, et al. (2020) Acetylation-Dependent Deubiquitinase OTUD3 Controls MAVS Activation in Innate Antiviral Immunity. Molecular cell, 79(2), 304.

Krzysiak TC, et al. (2018) An Insulin-Responsive Sensor in the SIRT1 Disordered Region Binds DBC1 and PACS-2 to Control Enzyme Activity. Molecular cell, 72(6), 985.

Ling H, et al. (2018) Histone Deacetylase SIRT1 Targets Plk2 to Regulate Centriole Duplication. Cell reports, 25(10), 2851.

Syeda T, et al. (2018) Bioactive Food Abates Metabolic and Synaptic Alterations by Modulation of Gut Microbiota in a Mouse Model of Alzheimer's Disease. Journal of Alzheimer's disease : JAD, 66(4), 1657.

Hall AM, et al. (2017) The Role of Sirt1 in Epileptogenesis. eNeuro, 4(1).

Liao W, et al. (2017) Ccdc3: A New P63 Target Involved in Regulation Of Liver Lipid Metabolism. Scientific reports, 7(1), 9020.

Shan P, et al. (2017) SIRT1 Functions as a Negative Regulator of Eukaryotic Poly(A)RNA Transport. Current biology : CB, 27(15), 2271.