

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 27, 2025

BMAL1 (B-1)

RRID:AB_10841724

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-365645, RRID:AB_10841724)

Antibody Information

URL: http://antibodyregistry.org/AB_10841724

Proper Citation: (Santa Cruz Biotechnology Cat# sc-365645, RRID:AB_10841724)

Target Antigen: BMAL1 (B-1)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunoprecipitation; Immunofluorescence; Western Blot; WB, IP, IF, ELISA

Antibody Name: BMAL1 (B-1)

Description: This monoclonal targets BMAL1 (B-1)

Target Organism: rat, mouse, human

Antibody ID: AB_10841724

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-365645

Record Creation Time: 20231110T064321+0000

Record Last Update: 20241115T103353+0000

Ratings and Alerts

No rating or validation information has been found for BMAL1 (B-1).

No alerts have been found for BMAL1 (B-1).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Yang Y, et al. (2023) Disturbed rhythmicity of intestinal hydrogen peroxide alters gut microbial oscillations in BMAL1-deficient monkeys. Cell reports, 42(3), 112183.

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

Xiong X, et al. (2023) The Clock-modulatory Activity of Nobiletin Suppresses Adipogenesis Via Wnt Signaling. Endocrinology, 164(8).

Barone I, et al. (2023) Synaptic BMAL1 phosphorylation controls circadian hippocampal plasticity. Science advances, 9(43), eadj1010.

Alexander RK, et al. (2020) Bmal1 integrates mitochondrial metabolism and macrophage activation. eLife, 9.