

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

BMAL1 antibody

RRID:AB_10675117

Type: Antibody

Proper Citation

Abcam Cat# ab93806, RRID:AB_10675117

Antibody Information

URL: http://antibodyregistry.org/AB_10675117

Proper Citation: Abcam Cat# ab93806, RRID:AB_10675117

Target Antigen: BMAL1 antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ICC/IF, IP, WB; Immunoprecipitation; Immunofluorescence; Immunocytochemistry; Western Blot

Antibody Name: BMAL1 antibody

Description: This polyclonal targets BMAL1 antibody

Target Organism: mouse, human

Antibody ID: AB_10675117

Vendor: Abcam

Catalog Number: ab93806

Record Creation Time: 20250819T233846+0000

Record Last Update: 20250820T055920+0000

Ratings and Alerts

No rating or validation information has been found for BMAL1 antibody.

No alerts have been found for BMAL1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Yao N, et al. (2025) Maternal circadian rhythms during pregnancy dictate metabolic plasticity in offspring. *Cell metabolism*, 37(2), 395.

Yuan Y, et al. (2025) PKA-mediated BMAL1 phosphorylation promotes β 1-adrenoceptor autoantibody-induced cardiomyocyte death. *iScience*, 28(7), 112786.

Kaltenecker D, et al. (2025) Functional liver genomics identifies hepatokines promoting wasting in cancer cachexia. *Cell*, 188(17), 4549.

Van Drunen R, et al. (2024) Cell-specific regulation of the circadian clock by BMAL1 in the paraventricular nucleus: Implications for regulation of systemic biological rhythms. *Cell reports*, 43(7), 114380.

Ryu JE, et al. (2024) Circadian regulation of endoplasmic reticulum calcium response in cultured mouse astrocytes. *eLife*, 13.

Sato S, et al. (2023) The circadian clock CRY1 regulates pluripotent stem cell identity and somatic cell reprogramming. *Cell reports*, 42(6), 112590.

Gao D, et al. (2023) Autophagy activation attenuates the circadian clock oscillators in U2OS cells via the ATG5 pathway. *Cellular signalling*, 101, 110502.

Borrmann H, et al. (2023) Molecular components of the circadian clock regulate HIV-1 replication. *iScience*, 26(7), 107007.

Smith JG, et al. (2023) Liver and muscle circadian clocks cooperate to support glucose tolerance in mice. *Cell reports*, 42(6), 112588.

Villanueva-Carmona T, et al. (2023) SUCNR1 signaling in adipocytes controls energy metabolism by modulating circadian clock and leptin expression. *Cell metabolism*, 35(4), 601.

Gao L, et al. (2022) Age-related endoplasmic reticulum stress represses testosterone synthesis via attenuation of the circadian clock in Leydig cells. *Theriogenology*, 189, 137.

Javeed N, et al. (2021) Proinflammatory Cytokine Interleukin 1 β Disrupts β -cell Circadian Clock Function and Regulation of Insulin Secretion. *Endocrinology*, 162(1).

Martchenko SE, et al. (2021) L-cell Arntl is required for rhythmic glucagon-like peptide-1 secretion and maintenance of intestinal homeostasis. *Molecular metabolism*, 54, 101340.

Koronowski KB, et al. (2019) Defining the Independence of the Liver Circadian Clock. *Cell*, 177(6), 1448.

Aras E, et al. (2019) Light Entraines Diurnal Changes in Insulin Sensitivity of Skeletal Muscle via Ventromedial Hypothalamic Neurons. *Cell reports*, 27(8), 2385.

Welz PS, et al. (2019) BMAL1-Driven Tissue Clocks Respond Independently to Light to Maintain Homeostasis. *Cell*, 177(6), 1436.

Kinouchi K, et al. (2018) Fasting Imparts a Switch to Alternative Daily Pathways in Liver and Muscle. *Cell reports*, 25(12), 3299.

Zhong X, et al. (2018) Circadian Clock Regulation of Hepatic Lipid Metabolism by Modulation of m6A mRNA Methylation. *Cell reports*, 25(7), 1816.

Sato S, et al. (2017) Circadian Reprogramming in the Liver Identifies Metabolic Pathways of Aging. *Cell*, 170(4), 664.

Tognini P, et al. (2017) Distinct Circadian Signatures in Liver and Gut Clocks Revealed by Ketogenic Diet. *Cell metabolism*, 26(3), 523.