

Resource Summary Report

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

BMAL1 antibody - ChIP Grade

RRID:AB_303729

Type: Antibody

Proper Citation

Abcam Cat# ab3350, RRID:AB_303729

Antibody Information

URL: http://antibodyregistry.org/AB_303729

Proper Citation: Abcam Cat# ab3350, RRID:AB_303729

Target Antigen: BMAL1 antibody - ChIP Grade

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: BMAL1 antibody - ChIP Grade

Description: This polyclonal targets BMAL1 antibody - ChIP Grade

Target Organism: rat, hamster, mouse, human

Antibody ID: AB_303729

Vendor: Abcam

Catalog Number: ab3350

Record Creation Time: 20250819T211727+0000

Record Last Update: 20250819T222820+0000

Ratings and Alerts

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

No alerts have been found for BMAL1 antibody - ChIP Grade.

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 [RRID](#) .

Le Bozec B, et al. (2025) Circadian PERIOD proteins regulate TC-DSB repair through anchoring to the nuclear envelope. *Molecular cell*, 85(24), 4492.

Ruan W, et al. (2024) The BMAL1/HIF2A heterodimer modulates circadian variations of myocardial injury. *Research square*.

Rakshit K, et al. (2024) Core circadian transcription factor Bmal1 mediates β cell response and recovery from pro-inflammatory injury. *iScience*, 27(11), 111179.

Luna-Marco C, et al. (2024) Molecular circadian clock disruption in the leukocytes of individuals with type 2 diabetes and overweight, and its relationship with leukocyte-endothelial interactions. *Diabetologia*, 67(10), 2316.

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

Meng H, et al. (2022) Defining the mammalian coactivation of hepatic 12-h clock and lipid metabolism. *Cell reports*, 38(10), 110491.

Liu N, et al. (2022) A highland-adaptation mutation of the *Epas1* protein increases its stability and disrupts the circadian clock in the plateau pika. *Cell reports*, 39(7), 110816.

Roy S, et al. (2022) Androgen-mediated Perturbation of the Hepatic Circadian System Through Epigenetic Modulation Promotes NAFLD in PCOS Mice. *Endocrinology*, 163(10).

Johnson BS, et al. (2022) Derailed peripheral circadian genes in polycystic ovary syndrome patients alters peripheral conversion of androgens synthesis. *Human reproduction (Oxford, England)*, 37(8), 1835.

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

Zhu B, et al. (2017) A Cell-Autonomous Mammalian 12 hr Clock Coordinates Metabolic and Stress Rhythms. *Cell metabolism*, 25(6), 1305.