

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

beta Actin antibody [mAbcam 8226] (HRP) - Loading Control

RRID:AB_445482

Type: Antibody

Proper Citation

Abcam Cat# ab20272, RRID:AB_445482

Antibody Information

URL: http://antibodyregistry.org/AB_445482

Proper Citation: Abcam Cat# ab20272, RRID:AB_445482

Target Antigen: beta Actin antibody [mAbcam 8226] (HRP) - Loading Control

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: WB; Western Blot

Antibody Name: beta Actin antibody [mAbcam 8226] (HRP) - Loading Control

Description: This monoclonal targets beta Actin antibody [mAbcam 8226] (HRP) - Loading Control

Target Organism: chicken, drosophilaarthropod, rat, hamster, porcine, canine, cow, pig, mouse, chickenbird, rabbit, bovine, human, dog

Antibody ID: AB_445482

Vendor: Abcam

Catalog Number: ab20272

Record Creation Time: 20250820T032303+0000

Record Last Update: 20250820T160601+0000

Ratings and Alerts

No rating or validation information has been found for beta Actin antibody [mAbcam 8226] (HRP) - Loading Control.

No alerts have been found for beta Actin antibody [mAbcam 8226] (HRP) - Loading Control.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Gogiraju R, et al. (2026) Loss of erythrocyte arginase-1 impairs vasorelaxation due to endothelial GSNOR overexpression and denitrosylation of G protein subunits. Redox biology, 94, 104201.

Park CH, et al. (2025) Cold-inducible GOT1 activates the malate-aspartate shuttle in brown adipose tissue to support fuel preference for fatty acids. Cell reports, 44(7), 115888.

Noorizadeh R, et al. (2025) YAP1 is a key regulator of EWS::FLI1-dependent malignant transformation upon IGF-1-mediated reprogramming of bone mesenchymal stem cells. Cell reports, 44(3), 115381.

Zhu L, et al. (2025) MPXV infection activates cGAS-STING signaling and IFN-I treatment reduces pathogenicity of mpox in CAST/EiJ mice and rhesus macaques. Cell reports. Medicine, 6(5), 102135.

West S, et al. (2025) Glycine-to-aspartic acid mutation at codon 51 in Snca disrupts the synaptic localisation of α -synuclein and enhances its propensity for synucleinopathy. Brain communications, 7(3), fcaf224.

Nie H, et al. (2025) Neuronal Reg3 γ /macrophage TNF- α -mediated positive feedback signaling contributes to pain chronicity in a rat model of CRPS-I. Science advances, 11(31), eadu4270.

Nakazawa K, et al. (2023) Piperacetazine Directly Binds to the PAX3::FOXO1 Fusion Protein and Inhibits Its Transcriptional Activity. Cancer research communications, 3(10), 2030.

Bianchimano P, et al. (2023) Oral vancomycin treatment suppresses gut trypsin activity and preserves intestinal barrier function during EAE. iScience, 26(11), 108143.

Amleh A, et al. (2023) Arginine depletion attenuates renal cystogenesis in tuberous sclerosis complex model. Cell reports. Medicine, 4(6), 101073.

Schaefer EJ, et al. (2022) BCOR and BCORL1 Mutations Drive Epigenetic Reprogramming and Oncogenic Signaling by Unlinking PRC1.1 from Target Genes. *Blood cancer discovery*, 3(2), 116.

Unterberger CJ, et al. (2022) GH Action in Prostate Cancer Cells Promotes Proliferation, Limits Apoptosis, and Regulates Cancer-related Gene Expression. *Endocrinology*, 163(5).

Yu M, et al. (2021) Cranial Suture Regeneration Mitigates Skull and Neurocognitive Defects in Craniosynostosis. *Cell*, 184(1), 243.

Du J, et al. (2021) Arid1a-Plagl1-Hh signaling is indispensable for differentiation-associated cell cycle arrest of tooth root progenitors. *Cell reports*, 35(1), 108964.

Erny D, et al. (2021) Microbiota-derived acetate enables the metabolic fitness of the brain innate immune system during health and disease. *Cell metabolism*, 33(11), 2260.

Zeng F, et al. (2021) Receptor for advanced glycation end products up-regulation in cerebral endothelial cells mediates cerebrovascular-related amyloid β accumulation after *Porphyromonas gingivalis* infection. *Journal of neurochemistry*, 158(3), 724.

Richters A, et al. (2021) Modulating Androgen Receptor-Driven Transcription in Prostate Cancer with Selective CDK9 Inhibitors. *Cell chemical biology*, 28(2), 134.

Abramson E, et al. (2021) Designed PKC-targeting bryostatin analogs modulate innate immunity and neuroinflammation. *Cell chemical biology*, 28(4), 537.

Olson GS, et al. (2021) Type I interferon decreases macrophage energy metabolism during mycobacterial infection. *Cell reports*, 35(9), 109195.

Hinrichsen F, et al. (2021) Microbial regulation of hexokinase 2 links mitochondrial metabolism and cell death in colitis. *Cell metabolism*, 33(12), 2355.

Cheung EC, et al. (2020) Dynamic ROS Control by TIGAR Regulates the Initiation and Progression of Pancreatic Cancer. *Cancer cell*, 37(2), 168.