Resource Summary Report

Generated by NIF on Aug 20, 2026

beta Actin antibody [mAbcam 8224] - Loading Control

RRID:AB_449644
Type: Antibody

Proper Citation

Abcam Cat# ab8224, RRID:AB_449644

Antibody Information

URL: http://antibodyregistry.org/AB_449644

Proper Citation: Abcam Cat# ab8224, RRID:AB_449644

Target Antigen: beta Actin antibody [mAbcam 8224] - Loading Control

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:3;3 Flow Cyt, ICC/IF, IHC-P, WB; Flow Cytometry; Western Blot; Immunohistochemistry; Immunocytochemistry; Immunofluorescence; Immunohistochemistry - fixed

Antibody Name: beta Actin antibody [mAbcam 8224] - Loading Control

Description: This monoclonal targets beta Actin antibody [mAbcam 8224] - Loading Control

Target Organism: chicken, feline, rat, drosophilaarthropod, hamster, xenopusamphibian, porcine, cow, canine, mosquito, pig, yeastfungi, mouse, chickenbird, cat, rabbit, bovine, human, dog

Antibody ID: AB_449644

Vendor: Abcam

Catalog Number: ab8224

Record Creation Time: 20250820T071238+0000

Record Last Update: 20250821T015032+0000

Ratings and Alerts

No rating or validation information has been found for beta Actin antibody [mAbcam 8224] - Loading Control.

No alerts have been found for beta Actin antibody [mAbcam 8224] - Loading Control.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 76 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Doyle LP, et al. (2026) Temperature-specific regulation of the NDR kinase Orb6 by the MAPK Sty1 to promote heat stress resilience. Journal of cell science, 139(8).

Cave S, et al. (2026) Asperous coordinates regeneration timing by regulating damage-induced WNT signaling. iScience, 29(8), 116823.

Fu J, et al. (2026) mRNA lipid-nanoparticle-mediated mitochondrial apoptosis augments adoptive T cell immunotherapy. Cell reports. Medicine, 7(4), 102706.

Matmat K, et al. (2026) SIRT1 mediates brain metabolic and developmental consequences of methionine synthase deficiency in inborn errors of cobalamin metabolism. Cell reports. Medicine, 7(3), 102643.

Chandra S, et al. (2026) Chemical modulation of Miro1 alleviates cell-type-specific vulnerabilities in Friedreich's ataxia. Cell chemical biology.

Doyle LP, et al. (2025) Control of stress-activated Cdc42 dynamics by the MAP kinase Sty1-NDR kinase Orb6 regulatory axis. iScience, 28(9), 113298.

Park S, et al. (2025) Epigenetic regulation of intracellular branched-chain amino acid homeostasis maintains a normal lifespan. iScience, 28(7), 112846.

Paul B, et al. (2025) Paraoxonase-like APMAP maintains endoplasmic-reticulum-associated lipid and lipoprotein homeostasis. Developmental cell, 60(17), 2313.

Zhao Y, et al. (2025) Remote limb ischemic conditioning alleviates steatohepatitis via extracellular vesicle-mediated muscle-liver crosstalk. Cell metabolism, 37(4), 886.

Guo D, et al. (2025) OXCT1 succinylation and activation by SUCLA2 promotes ketolysis and liver tumor growth. Molecular cell, 85(4), 843.

Merigliano C, et al. (2025) Off-pore Nup98 condensates mobilize heterochromatic breaks and exclude Rad51. Molecular cell, 85(12), 2355.

??lvarez Jerez P, et al. (2024) African ancestry neurodegeneration risk variant disrupts an intronic branchpoint in GBA1. Nature structural & molecular biology, 31(12), 1955.

Martin Flores N, et al. (2024) Downregulation of Dickkopf-3, a Wnt antagonist elevated in Alzheimer's disease, restores synapse integrity and memory in a disease mouse model. eLife, 12.

Feng S, et al. (2024) Cryptic phosphoribosylase activity of NAMPT restricts the virion incorporation of viral proteins. Nature metabolism, 6(12), 2300.

Shim A, et al. (2024) Mutations in the non-catalytic polyproline motif destabilize TREX1 and amplify cGAS-STING signaling. bioRxiv : the preprint server for biology.

Yang S, et al. (2024) The GATOR2 complex maintains lysosomal-autophagic function by inhibiting the protein degradation of MiT/TFEs. Molecular cell, 84(4), 727.

Nasr S, et al. (2024) A computational pipeline for identifying gene targets and signalling pathways in cancer cells to improve lymphocyte infiltration and immune checkpoint therapy efficacy. EBioMedicine, 104, 105167.

Li M, et al. (2024) Xbp1 targets canonical UPRER and non-canonical pathways in separate tissues to promote longevity. iScience, 27(6), 109962.

Li Y, et al. (2024) Intergenerational epigenetic inheritance mediated by MYS-2/MOF in the pathogenesis of Alzheimer's disease. iScience, 27(8), 110588.

Gurdita A, et al. (2023) Development of a new surgical technique to infuse kynurenic acid to optic nerves in chickens for studying loss of myelination. Heliyon, 9(3), e14361.