

Resource Summary Report

Generated by [NIF](#) on Sep 3, 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: 20231110T080957+0000

Record Last Update: 20260901T051134+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.

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

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

??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.