Resource Summary Report

Generated by NIF on Aug 24, 2026

Anti-?-Actin Antibody (C4)

RRID:AB_626632
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-47778, RRID:AB_626632)

Antibody Information

URL: http://antibodyregistry.org/AB_626632

Proper Citation: (Santa Cruz Biotechnology Cat# sc-47778, RRID:AB_626632)

Target Antigen: ?-Actin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB, IP, IF, IHC(P), ELISA

Antibody Name: Anti-?-Actin Antibody (C4)

Description: This monoclonal targets ?-Actin

Target Organism: ppolycephalum, rat, ddiscoideum, porcine, canine, avian, mouse, rabbit, bovine, human

Clone ID: C4

Antibody ID: AB_626632

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-47778

Record Creation Time: 20260311T190843+0000

Record Last Update: 20260311T190853+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community. Contact(s): Decio Eizirik - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for Anti-?-Actin Antibody (C4).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 659 mentions in open access literature.

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

Choi C, et al. (2026) Obesity-induced pyroptotic adipocyte death leads to TREM2-dependent macrophage dysfunction and adipose tissue inflammation. iScience, 29(1), 114358.

Wang D, et al. (2026) PRMT5 is Frequently Upregulated and a Potential Therapeutic Target in MTAP-deficient Malignant Peripheral Nerve Sheath Tumors. bioRxiv : the preprint server for biology.

Liu T, et al. (2026) ZFP36-mediated ZBP1 degradation inhibits microglia pro-inflammatory and NLRP3 inflammasome activation in Alzheimer's disease. Cell biology and toxicology, 42(1), 25.

Qiu F, et al. (2026) Maternal exercise improves vascular function in hypertensive offspring via A-kinase anchoring protein 150 gene (Akap5) epigenetic modifications. British journal of pharmacology, 183(10), 2592.

Lu M, et al. (2026) Homeostatic maturation programs drive human cDC2s into a tolerogenic state. Immunity, 59(5), 1201.

Norman AO, et al. (2026) Neonatal expression of human FMRP isoform corrects cortical deficits and improves behavior in a mouse model of fragile X syndrome. Molecular therapy. Nucleic acids, 37(3), 102981.

Denaro S, et al. (2026) Connexin Regulation and Modulation of Neural Stem Cell Differentiation Induced by Cell-Permeable Itaconate. Journal of cellular physiology, 241(5), e70185.

Norizuki T, et al. (2026) BCAS-3 is required for the progression of autophagosome formation to degrade paternal mitochondria in Caenorhabditis elegans. iScience, 29(7), 116345.

Rhinesmith T, et al. (2026) TRIM21 induces selective autophagy of viruses and bacteria. Molecular cell, 86(12), 2410.

Fu Q, et al. (2026) Identification of the regulatory elements and protein substrates of lysine acetoacetylation. eLife, 14.

Bandi V, et al. (2026) ISGylation is disrupted by UBA7 gene variants identified in individuals with neurodevelopmental disorder phenotypes. iScience, 29(5), 115454.

Yadav K, et al. (2026) Therapeutic targeting of GSK-3? activation by the tyrosine kinase RYK in pancreatic ductal adenocarcinoma with BJ-2412, a novel sunitinib analogue. British journal of pharmacology, 183(15), 4196.

Yang D, et al. (2026) Interleukin 23 promotes a pro-inflammatory Th17 cell state by stabilizing ROR?t and suppressing glucocorticoid receptor activity. Immunity.

Chen L, et al. (2026) Tyrosine kinase 2 inhibition by GL-V9 treats psoriasiform dermatitis via macrophage-helper T-cell modulation. British journal of pharmacology.

El Laithy Y, et al. (2026) Chemotherapy-Treated Breast Cancer Cells Activate the WNT Signaling Pathway to Enter a Diapause-Like Early Persister State. Cancer research, 86(2), 310.

Lu T, et al. (2026) Dysplastic epithelial repair promotes the tissue residence of lymphocytes to inhibit alveolar regeneration post viral infection. Cell stem cell, 33(1), 108.

Williams MJ, et al. (2026) A Western Diet High in Phosphate Primes the Development of the CKD-Mineral Bone Disorder in an Alport Syndrome Model. Kidney360, 7(5), 955.

Ristori T, et al. (2026) Bmp9 regulates Notch signaling and the temporal dynamics of angiogenesis via Lunatic Fringe. Developmental cell, 61(4), 837.

Zhang B, et al. (2026) Mitochondrial protein carboxyl-terminal alanine-threonine tailing promotes human glioblastoma growth by regulating mitochondrial function. eLife, 13.

Pereira-Martins DA, et al. (2026) ?Np73 isoform defines a TP53-mutant-like poor-risk subgroup of acute myeloid leukemia. Cell reports. Medicine, 102540.