

Resource Summary Report

Generated by [RRID](#) on Sep 5, 2026

?-Actin Antibody (C4)

RRID:AB_2714189

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-47778 HRP, RRID:AB_2714189

Antibody Information

URL: http://antibodyregistry.org/AB_2714189

Proper Citation: Santa Cruz Biotechnology Cat# sc-47778 HRP, RRID:AB_2714189

Target Antigen: ?-Actin

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommended applications: WB, IHC-P, ELISA

Antibody Name: ?-Actin Antibody (C4)

Description: This monoclonal targets ?-Actin

Target Organism: rat, Physarum polycephalum, porcine, canine, avian, Dictyostelium discoideum, mouse, rabbit, bovine, human

Clone ID: C4

Antibody ID: AB_2714189

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-47778 HRP

Record Creation Time: 20231110T033812+0000

Record Last Update: 20260830T031827+0000

Ratings and Alerts

No rating or validation information has been found for ?-Actin Antibody (C4).

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 416 mentions in open access literature.

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

Huang K, et al. (2026) MRE11 proximal polyadenylation site-mediated looping impacts transcription and genomic stability. *Molecular cell*, 86(10), 1931.

Rayes A, et al. (2026) Refractory infantile IPEX with Treg-restricted FOXP3null expression caused by a novel variant in FOXP3. *Journal of human immunity*, 2(3), e20250249.

Tang H, et al. (2026) Aryl Aldehyde-Anchored Small Molecules Recruit FBXO22 for Targeted Degradation of NSD2. *Journal of medicinal chemistry*, 69(13), 15317.

Li C, et al. (2026) New Insights Into the Role of Polo-Like Kinase 3 in Lung Tumorigenesis. *Journal of cellular biochemistry*, 127(2), e70084.

Moon UY, et al. (2026) CREB2 Functions as a Central Mediator of Oxidative Neuronal Death Triggered by Microglial Glutamate Release Under Neuroinflammatory Conditions. *Cellular and molecular neurobiology*, 46(1).

Jia A, et al. (2026) Dual targeting of SLC25A51 and succinate dehydrogenase selectively depletes mitochondrial NAD⁺ to eradicate KRAS-driven AML. *Cell metabolism*, 38(6), 1113.

Lee SM, et al. (2026) Host microRNA-31-5p regulates KHDRBS3 expression and modulates viral gene expression during KSHV lytic reactivation. *Cell reports*, 45(4), 117160.

Yang H, et al. (2026) Transcriptomic and metabolomic analyses reveal that lobeglitazone ameliorates hepatic steatosis in rats concurrent with regulation of mitochondrial pyruvate metabolism. *British journal of pharmacology*.

Lee H, et al. (2026) Transglutaminase 2 exacerbates ovarian cancer survival by directly inactivating GSK3 β . *Cell death & disease*, 17(1), 199.

Corte GD, et al. (2026) ID3 deficiency alters chromatin accessibility at DSB sites and enhances vulnerability to HDAC inhibition. *International journal of cancer*, 158(12), 3173.

Tsuruta A, et al. (2026) C-X-C chemokine receptor CXCR4 mediates diurnal changes in the aggregation and dispersion of CD8⁺ T cells within the tumor microenvironment. *International journal of cancer*, 158(6), 1740.

Balka KR, et al. (2026) Noncanonical IRF3 function mediates STING-dependent pro-inflammatory cytokine production in macrophages. *EMBO reports*, 27(11), 2865.

Montoya T, et al. (2026) Alanine catabolism as a targetable vulnerability for MYC-driven liver cancer. *Cell reports*, 45(4), 117107.

Zhou YD, et al. (2026) Tissue-specific tolerance mechanisms and lymph node co-drainage shape T cell immunity in the upper digestive system and pancreatic cancer progression. *Cell reports*, 45(5), 117324.

Koellisch K, et al. (2026) Distinct 2-phenylimidazo[1,2-a]pyridine derivatives that inhibit breast cancer cell proliferation identified as AHR ligands. *iScience*, 29(6), 115936.

Patton T, et al. (2026) cGAS/STING sensing in dendritic cells discriminates between daptomycin sensitive and resistant *Staphylococcus aureus* clinical isolates. *iScience*, 29(6), 115854.

Kim H, et al. (2025) EphB2 receptor tyrosine kinase-mediated excitatory synaptic functions are negatively modulated by MDGA2. *Progress in neurobiology*, 250, 102772.

Yagi M, et al. (2025) Bivalent chromatin instructs lineage specification during hematopoiesis. *Cell*, 188(16), 4314.

Rotini A, et al. (2025) Sympathetic innervation maintains the murine quiescent skeletal muscle stem cell pool via perivascular-derived Angpt1. *Developmental cell*.

Haas de Mello A, et al. (2025) Respiratory syncytial virus downregulates the airway aryl hydrocarbon receptor pathway: implication for the development of a novel therapeutic target. *American journal of physiology. Lung cellular and molecular physiology*, 329(6), L716.