

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 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 [dkNET](#) .

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.

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

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

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.

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).

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.

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.

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

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.

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

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

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.

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.

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.

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.

Koc D, et al. (2025) Phosphorylation of SNAP-25 at Ser187 is enhanced following its cleavage by Botulinum Neurotoxin Serotype A, promoting the dominant-negative effect of the resulting fragment. *PLoS pathogens*, 21(10), e1013604.

Prashanth KS, et al. (2025) Indian cobra (*Naja naja*) venom-induced neutrophil extracellular trap (NET) formation: The role of cytotoxins and calcium flux. *British journal of pharmacology*.

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