

Resource Summary Report

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Actin (C-2)

RRID:AB_626630

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-8432, RRID:AB_626630)

Antibody Information

URL: http://antibodyregistry.org/AB_626630

Proper Citation: (Santa Cruz Biotechnology Cat# sc-8432, RRID:AB_626630)

Target Antigen: ACTG1, ACTC1, ACTA1, ACTA2, ACTG2, ACTB

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Flow Cytometry; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), Flow Cytometry, ELISA

Antibody Name: Actin (C-2)

Description: This monoclonal targets ACTG1, ACTC1, ACTA1, ACTA2, ACTG2, ACTB

Target Organism: rat, mouse, human

Clone ID: C-2

Antibody ID: AB_626630

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-8432

Record Creation Time: 20241016T222420+0000

Record Last Update: 20241016T224855+0000

Ratings and Alerts

No rating or validation information has been found for Actin (C-2).

No alerts have been found for Actin (C-2).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 69 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Ando T, et al. (2024) NECTIN2 is a prognostic biomarker and potential therapeutic target in lung adenocarcinoma. *Respiratory investigation*, 62(4), 582.

Peng P, et al. (2024) Pro-survival signaling regulates lipophagy essential for multiple myeloma resistance to stress-induced death. *Cell reports*, 43(7), 114445.

Zhuang X, et al. (2024) Functional genomics identifies N-acetyllactosamine extension of complex N-glycans as a mechanism to evade lysis by natural killer cells. *Cell reports*, 43(4), 114105.

Yang J, et al. (2024) Dystrophin 71 deficiency causes impaired aquaporin-4 polarization contributing to glymphatic dysfunction and brain edema in cerebral ischemia. *Neurobiology of disease*, 199, 106586.

He Y, et al. (2024) Targeting ATAD3A Phosphorylation Mediated by TBK1 Ameliorates Senescence-Associated Pathologies. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e2404109.

Das S, et al. (2024) M-O-M mediated denaturation resistant P2 tetramer on the infected erythrocyte surface of malaria parasite imports serum fatty acids. *iScience*, 27(5), 109760.

Lee YB, et al. (2024) Function of a complex of p-Y42 RhoA GTPase and pyruvate kinase M2 in EGF signaling pathway in glioma cells. *Journal of neurochemistry*.

Zou Y, et al. (2024) Contactin -Associated protein1 Regulates Autophagy by Modulating the PI3K/AKT/mTOR Signaling Pathway and ATG4B Levels in Vitro and in Vivo. *Molecular neurobiology*.

Xu XX, et al. (2023) Neuronal nitric oxide synthase/reactive oxygen species pathway is involved in apoptosis and pyroptosis in epilepsy. *Neural regeneration research*, 18(6), 1277.

Li Y, et al. (2023) SIRT2 negatively regulates the cGAS-STING pathway by deacetylating G3BP1. *EMBO reports*, 24(12), e57500.

Chen H, et al. (2023) Structural and functional insights into Spns2-mediated transport of sphingosine-1-phosphate. *Cell*, 186(12), 2644.

Mansky RH, et al. (2023) Tumor suppressor p53 regulates heat shock factor 1 protein degradation in Huntington's disease. *Cell reports*, 42(3), 112198.

Chaudhuri P, et al. (2023) p38 MAPK activation and STIM1-Orai3 association mediate TRPC6 externalization. *American journal of physiology. Cell physiology*, 324(6), C1199.

Yang S, et al. (2023) Sp1-like protein KLF13 acts as a negative feedback regulator of TGF- β signaling and fibrosis. *Cell reports*, 42(4), 112367.

Park SJ, et al. (2023) Enhanced Glutaminolysis Drives Hypoxia-Induced Chemoresistance in Pancreatic Cancer. *Cancer research*, 83(5), 735.

Chen F, et al. (2023) α 2-Microglobulin exacerbates neuroinflammation, brain damage, and cognitive impairment after stroke in rats. *Neural regeneration research*, 18(3), 603.

Jeon HM, et al. (2023) Tissue factor is a critical regulator of radiation therapy-induced glioblastoma remodeling. *Cancer cell*, 41(8), 1480.

Wilcox NS, et al. (2023) Distinct hypoxia-induced translational profiles of embryonic and adult-derived macrophages. *iScience*, 26(12), 107985.

Crescenzi E, et al. (2023) NGAL Mediates Anaplastic Thyroid Carcinoma Cells Survival Through FAS/CD95 Inhibition. *Endocrinology*, 165(2).

Yin SW, et al. (2022) Enriched environment for offspring improves learning and memory impairments induced by sevoflurane exposure during the second trimester of pregnancy. *Neural regeneration research*, 17(6), 1293.