

Resource Summary Report

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Rho A (26C4)

RRID:AB_628218

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-418, RRID:AB_628218)

Antibody Information

URL: http://antibodyregistry.org/AB_628218

Proper Citation: (Santa Cruz Biotechnology Cat# sc-418, RRID:AB_628218)

Target Antigen: Rho A (26C4)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations:
Immunoprecipitation; Immunofluorescence; Flow Cytometry; Western Blot; WB, IP, IF, FCM

Antibody Name: Rho A (26C4)

Description: This monoclonal targets Rho A (26C4)

Target Organism: rat, mouse, human

Antibody ID: AB_628218

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-418

Record Creation Time: 20241016T220702+0000

Record Last Update: 20241016T221402+0000

Ratings and Alerts

No rating or validation information has been found for Rho A (26C4).

No alerts have been found for Rho A (26C4).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Johansen CG, et al. (2024) Extracellular matrix stiffness mediates insulin secretion in pancreatic islets via mechanosensitive Piezo1 channel regulated Ca²⁺ dynamics. *Matrix biology plus*, 22, 100148.

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*.

libushi J, et al. (2024) ATG9B regulates bacterial internalization via actin rearrangement. *iScience*, 27(5), 109623.

Schaefer A, et al. (2023) RHOAL57V drives the development of diffuse gastric cancer through IGF1R-PAK1-YAP1 signaling. *Science signaling*, 16(816), eadg5289.

Li M, et al. (2023) Motor neuron-specific RhoA knockout delays degeneration and promotes regeneration of dendrites in spinal ventral horn after brachial plexus injury. *Neural regeneration research*, 18(12), 2757.

Kirchenwitz M, et al. (2023) RhoB promotes Salmonella survival by regulating autophagy. *European journal of cell biology*, 102(4), 151358.

Wu Y, et al. (2022) C910 chemical compound inhibits the trafficking of several bacterial AB toxins with cross-protection against influenza virus. *iScience*, 25(7), 104537.

Shindo N, et al. (2022) Autocleavage of separase suppresses its premature activation by promoting binding to cyclin B1. *Cell reports*, 41(9), 111723.

Noviello C, et al. (2022) RhoA within myofibers controls satellite cell microenvironment to allow hypertrophic growth. *iScience*, 25(1), 103616.

Elsabrouty R, et al. (2021) Type 1 polyisoprenoid diphosphate phosphatase modulates geranylgeranyl-mediated control of HMG CoA reductase and UBIAD1. *eLife*, 10.

Kallemeyn WW, et al. (2021) Proteome-wide analysis of protein lipidation using chemical

probes: in-gel fluorescence visualization, identification and quantification of N-myristoylation, N- and S-acylation, O-cholesterylation, S-farnesylation and S-geranylgeranylation. *Nature protocols*, 16(11), 5083.

Schneid S, et al. (2021) The BRCT domains of ECT2 have distinct functions during cytokinesis. *Cell reports*, 34(9), 108805.

Thomas M, et al. (2020) Desmosomal Junctions Govern Tissue Integrity and Actomyosin Contractility in Apoptotic Cell Extrusion. *Current biology : CB*, 30(4), 682.

Lopez-Lopez A, et al. (2020) Rho kinase inhibitor fasudil reduces L-DOPA-induced dyskinesia in a rat model of Parkinson's disease. *British journal of pharmacology*, 177(24), 5622.

Moon HM, et al. (2020) LIS1 determines cleavage plane positioning by regulating actomyosin-mediated cell membrane contractility. *eLife*, 9.

Evans F, et al. (2020) Signaling pathways in cytoskeletal responses to plasma membrane depolarization in corneal endothelial cells. *Journal of cellular physiology*, 235(3), 2947.

García-Morales V, et al. (2019) Sp1-regulated expression of p11 contributes to motor neuron degeneration by membrane insertion of TASK1. *Nature communications*, 10(1), 3784.

Choi S, et al. (2019) Regulation of endothelial barrier integrity by redox-dependent nitric oxide signaling: Implication in traumatic and inflammatory brain injuries. *Nitric oxide : biology and chemistry*, 83, 51.

Bery N, et al. (2019) A Targeted Protein Degradation Cell-Based Screening for Nanobodies Selective toward the Cellular RHOB GTP-Bound Conformation. *Cell chemical biology*, 26(11), 1544.

Budnar S, et al. (2019) Anillin Promotes Cell Contractility by Cyclic Resetting of RhoA Residence Kinetics. *Developmental cell*, 49(6), 894.