

Resource Summary Report

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Goat Anti-Actin Polyclonal antibody, Unconjugated

RRID:AB_630836

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-1616, RRID:AB_630836

Antibody Information

URL: http://antibodyregistry.org/AB_630836

Proper Citation: Santa Cruz Biotechnology Cat# sc-1616, RRID:AB_630836

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

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; Applications: Immunoprecipitation, Immunofluorescence, Flow Cytometry, ELISA
Consolidated with AB_630834, AB_10160631 on 09/14/16

Antibody Name: Goat Anti-Actin Polyclonal antibody, Unconjugated

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

Target Organism: rat, mouse, human

Clone ID: I-19

Defining Citation: [PMID:25283985](#), [PMID:23541735](#)

Antibody ID: AB_630836

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-1616

Alternative Catalog Numbers: sc-1616-R

Record Creation Time: 20250819T232220+0000

Record Last Update: 20250820T050822+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.
Contact(s): [Wei-Jun Qian](#), [Rohit Kulkarni](#) - Human Islets Research Network
<https://hirnetwork.org/>

Warning: Discontinued: 2016

Discontinued: 2016; Applications: Immunoprecipitation, Immunofluorescence, Flow Cytometry, ELISA

Consolidated with AB_630834, AB_10160631 on 09/14/16

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 137 mentions in open access literature.

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

Yamauchi T, et al. (2026) Valine availability controls oncogenic cell-cycle progression through translation of D-type cyclins. *Biochemical pharmacology*, 246, 117706.

Vitiello PP, et al. (2025) Cisplatin and temozolomide combinatorial treatment triggers hypermutability and immune surveillance in experimental cancer models. *Cancer cell*, 43(7), 1296.

Blidner AG, et al. (2025) Glycosylation-driven programs coordinate immunoregulatory and pro-angiogenic functions of myeloid-derived suppressor cells. *Immunity*, 58(6), 1553.

Wang L, et al. (2024) Map-1a regulates Sertoli cell BTB dynamics through the cytoskeletal organization of microtubule and F-actin. *Reproductive biology and endocrinology : RB&E*, 22(1), 36.

Mao BP, et al. (2024) Katanin regulatory subunit B1 (KATNB1) regulates BTB dynamics through changes in cytoskeletal organization. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 38(18), e70049.

Zou Z, et al. (2024) ATF4-SLC7A11-GSH axis mediates the acquisition of immunosuppressive properties by activated CD4+ T cells in low arginine condition. *Cell reports*, 43(4), 113995.

Yamauchi T, et al. (2024) Epigenetic repression of de novo cysteine synthetases induces intra-cellular accumulation of cysteine in hepatocarcinoma by up-regulating the cystine uptake transporter xCT. *Cancer & metabolism*, 12(1), 23.

Freibaum BD, et al. (2024) Identification of small molecule inhibitors of G3BP-driven stress granule formation. *The Journal of cell biology*, 223(3).

Graceli JB, et al. (2024) Role for Nongenomic Estrogen Signaling in Male Fertility. *Endocrinology*, 165(3).

Cabello AL, et al. (2024) Brucella-driven host N-glycome remodeling controls infection. *Cell host & microbe*, 32(4), 588.

Hewitt SC, et al. (2023) Chromatin architectural factor CTCF is essential for progesterone-dependent uterine maturation. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 37(8), e23103.

Polenkowski M, et al. (2023) THOC5 complexes with DDX5, DDX17, and CDK12 to regulate R loop structures and transcription elongation rate. *iScience*, 26(1), 105784.

Sebert M, et al. (2023) Clonal hematopoiesis driven by chromosome 1q/MDM4 trisomy defines a canonical route toward leukemia in Fanconi anemia. *Cell stem cell*, 30(2), 153.

Rizza S, et al. (2023) GSNOR deficiency promotes tumor growth via FAK1 S-nitrosylation. *Cell reports*, 42(1), 111997.

Cheng J, et al. (2023) Cancer-cell-derived fumarate suppresses the anti-tumor capacity of CD8⁺ T cells in the tumor microenvironment. *Cell metabolism*, 35(6), 961.

Alex NS, et al. (2023) Pregnancy-associated Steroid Effects on Insulin Sensitivity, Adipogenesis, and Lipogenesis: Role of Wnt/ β -Catenin Pathway. *Journal of the Endocrine Society*, 7(8), bvad076.

Tan LX, et al. (2023) Optineurin tunes outside-in signaling to regulate lysosome biogenesis and phagocytic clearance in the retina. *Current biology : CB*, 33(18), 3805.

Wang L, et al. (2023) Cadmium-induced Sertoli Cell Injury Through p38-MAPK and Related Signaling Proteins-A Study by RNA Sequencing. *Endocrinology*, 164(6).

Mimoso CA, et al. (2023) U1 snRNP increases RNA Pol II elongation rate to enable synthesis of long genes. *Molecular cell*, 83(8), 1264.

Spencer-Smith R, et al. (2023) Protocol for measuring BRAF autoinhibition in live cells using a proximity-based NanoBRET assay. *STAR protocols*, 4(3), 102461.