

# Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

## Goat Anti-Actin Polyclonal antibody, Unconjugated

RRID:AB\_630836

Type: Antibody

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### Proper Citation

Santa Cruz Biotechnology Cat# sc-1616, RRID:AB\_630836

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_630836](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

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## 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

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 140 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.

Miranda RL, et al. (2026) Role of  $\alpha 7$  Nicotinic Acetylcholine Receptor and Protein Kinase C in Rat Retinal Ganglion Cell Survival In Vitro. *The European journal of neuroscience*, 63(4), e70432.

Tsuruta A, et al. (2026) The circadian clock component BMAL1 enhances macrophage inflammation by nuclear translocation of peroxisomal  $\beta$ -oxidation enzyme MFP2. *Cell reports*, 45(6), 117480.

Shi FL, et al. (2026) Luteolin mitigates inflammatory organ injury by targeting XIAP to block PANoptosis and mitochondrial dysfunction. *International immunopharmacology*, 173, 116271.

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.

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.

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.

Zou Z, et al. (2024) ATF4-SLC7A11-GSH axis mediates the acquisition of immunosuppressive properties by activated CD4<sup>+</sup> 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.

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

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

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

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.

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

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

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.

Alex NS, et al. (2023) Pregnancy-associated Steroid Effects on Insulin Sensitivity, Adipogenesis, and Lipogenesis: Role of Wnt/ $\beta$ -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.