# Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

## 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 140 mentions in open access literature.

**Listed below are recent publications.** The full list is available at SPARC SAWG .

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 ?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 ?-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.

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.

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.

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).

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.

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.

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/?-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.