

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

STAT3-human

RRID:AB_632440

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-482, RRID:AB_632440

Antibody Information

URL: http://antibodyregistry.org/AB_632440

Proper Citation: Santa Cruz Biotechnology Cat# sc-482, RRID:AB_632440

Target Antigen: STAT3

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; ENCODE PROJECT External validation DATA SET is released testing lot B0111 for K562; status is pending dcc review

Antibody Name: STAT3-human

Description: This polyclonal targets STAT3

Target Organism: homo sapiens

Antibody ID: AB_632440

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-482

Record Creation Time: 20250820T050615+0000

Record Last Update: 20250820T204743+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: B0111 is available under ENCODE ID: ENCAB000ALH - ENCODE

Warning: Discontinued: 2016

Discontinued: 2016; ENCODE PROJECT External validation DATA SET is released testing lot B0111 for K562; status is pending dcc review

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Horie M, et al. (2024) Exosomes secreted by ST3GAL5high cancer cells promote peritoneal dissemination by establishing a premetastatic microenvironment. *Molecular oncology*, 18(1), 21.

Koudelková L, et al. (2023) Phosphorylation of tyrosine 90 in SH3 domain is a new regulatory switch controlling Src kinase. *eLife*, 12.

Burton JJN, et al. (2022) Regulation of mouse primordial follicle formation by signaling through the PI3K pathway†. *Biology of reproduction*, 106(3), 515.

Aguilar-Recarte D, et al. (2021) GDF15 mediates the metabolic effects of PPAR α by activating AMPK. *Cell reports*, 36(6), 109501.

Chen X, et al. (2021) linc-AAM Facilitates Gene Expression Contributing to Macrophage Activation and Adaptive Immune Responses. *Cell reports*, 34(1), 108584.

Bayerl J, et al. (2021) Principles of signaling pathway modulation for enhancing human naive pluripotency induction. *Cell stem cell*, 28(9), 1549.

Nakashima H, et al. (2021) MeCP2 controls neural stem cell fate specification through miR-199a-mediated inhibition of BMP-Smad signaling. *Cell reports*, 35(7), 109124.

Wei H, et al. (2021) Systematic analysis of purified astrocytes after SCI unveils Zeb2os function during astrogliosis. *Cell reports*, 34(5), 108721.

Haniuda K, et al. (2020) Metabolic Reprogramming Induces Germinal Center B Cell Differentiation through Bcl6 Locus Remodeling. *Cell reports*, 33(5), 108333.

Zhang C, et al. (2020) STAT3 Activation-Induced Fatty Acid Oxidation in CD8⁺ T Effector Cells Is Critical for Obesity-Promoted Breast Tumor Growth. *Cell metabolism*, 31(1), 148.

Orgaz JL, et al. (2020) Myosin II Reactivation and Cytoskeletal Remodeling as a Hallmark and a Vulnerability in Melanoma Therapy Resistance. *Cancer cell*, 37(1), 85.

Khanna A, et al. (2020) Constitutive CHK1 Expression Drives a pSTAT3-CIP2A Circuit that Promotes Glioblastoma Cell Survival and Growth. *Molecular cancer research : MCR*, 18(5), 709.

Liu Q, et al. (2020) Contribution of synergism between PHF8 and HER2 signalling to breast cancer development and drug resistance. *EBioMedicine*, 51, 102612.

Siersbæk R, et al. (2020) IL6/STAT3 Signaling Hijacks Estrogen Receptor ? Enhancers to Drive Breast Cancer Metastasis. *Cancer cell*, 38(3), 412.

Xu H, et al. (2019) MicroRNA-122 supports robust innate immunity in hepatocytes by targeting the RTKs/STAT3 signaling pathway. *eLife*, 8.

Wang T, et al. (2018) JAK/STAT3-Regulated Fatty Acid ?-Oxidation Is Critical for Breast Cancer Stem Cell Self-Renewal and Chemoresistance. *Cell metabolism*, 27(1), 136.

Schulz-Heddergott R, et al. (2018) Therapeutic Ablation of Gain-of-Function Mutant p53 in Colorectal Cancer Inhibits Stat3-Mediated Tumor Growth and Invasion. *Cancer cell*, 34(2), 298.

Dhar D, et al. (2018) Liver Cancer Initiation Requires p53 Inhibition by CD44-Enhanced Growth Factor Signaling. *Cancer cell*, 33(6), 1061.

Adachi K, et al. (2018) Esrrb Unlocks Silenced Enhancers for Reprogramming to Naive Pluripotency. *Cell stem cell*, 23(2), 266.

Mochizuki Y, et al. (2018) Combinatorial CRISPR/Cas9 Approach to Elucidate a Far-Upstream Enhancer Complex for Tissue-Specific Sox9 Expression. *Developmental cell*, 46(6), 794.