

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 22, 2025

GATA-3 (HG3-31)

RRID:AB_2108591

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-268, RRID:AB_2108591)

Antibody Information

URL: http://antibodyregistry.org/AB_2108591

Proper Citation: (Santa Cruz Biotechnology Cat# sc-268, RRID:AB_2108591)

Target Antigen: GATA-3 (HG3-31)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: WB, IP, IF, IHC(P); Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Western Blot; Immunoprecipitation

Antibody Name: GATA-3 (HG3-31)

Description: This monoclonal targets GATA-3 (HG3-31)

Target Organism: rat, avian, mouse, chickenbird, human

Defining Citation: [PMID:19673002](#), [PMID:17154269](#)

Antibody ID: AB_2108591

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-268

Record Creation Time: 20241016T235455+0000

Record Last Update: 20241017T012609+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: G0910 is available under ENCODE ID: ENCAB000AGY - ENCODE <https://www.encodeproject.org/antibodies/ENCAB000AGY>

No alerts have been found for GATA-3 (HG3-31).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Lee S, et al. (2024) Loss of LPAR6 and CAB39L dysregulates the basal-to-luminal urothelial differentiation program, contributing to bladder carcinogenesis. Cell reports, 43(5), 114146.

Hosseinzadeh L, et al. (2024) The androgen receptor interacts with GATA3 to transcriptionally regulate a luminal epithelial cell phenotype in breast cancer. Genome biology, 25(1), 44.

Vermeiren S, et al. (2023) Prdm12 represses the expression of the visceral neuron determinants Phox2a/b in developing somatosensory ganglia. iScience, 26(12), 108364.

Pinzón-Arteaga CA, et al. (2023) Bovine blastocyst-like structures derived from stem cell cultures. Cell stem cell, 30(5), 611.

Broome R, et al. (2021) TET2 is a component of the estrogen receptor complex and controls 5mC to 5hmC conversion at estrogen receptor cis-regulatory regions. Cell reports, 34(8), 108776.

Kato H, et al. (2021) Double-Edged Sword: Interleukin-2 Promotes T Regulatory Cell Differentiation but Also Expands Interleukin-13- and Interferon- γ -Producing CD8⁺ T Cells via STAT6-GATA-3 Axis in Systemic Lupus Erythematosus. Frontiers in immunology, 12, 635531.

Tikker L, et al. (2020) Inactivation of the GATA Cofactor ZFPM1 Results in Abnormal Development of Dorsal Raphe Serotonergic Neuron Subtypes and Increased Anxiety-Like Behavior. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(45), 8669.

Guo CC, et al. (2019) Dysregulation of EMT Drives the Progression to Clinically Aggressive Sarcomatoid Bladder Cancer. Cell reports, 27(6), 1781.

Di Bella DJ, et al. (2019) Ascl1 Balances Neuronal versus Ependymal Fate in the Spinal Cord Central Canal. *Cell reports*, 28(9), 2264.

Myers DR, et al. (2019) Active Tonic mTORC1 Signals Shape Baseline Translation in Naive T Cells. *Cell reports*, 27(6), 1858.

Wang CN, et al. (2019) Targeting the phosphorylation site of myristoylated alanine-rich C kinase substrate alleviates symptoms in a murine model of steroid-resistant asthma. *British journal of pharmacology*, 176(8), 1122.

Le Dréau G, et al. (2018) E proteins sharpen neurogenesis by modulating proneural bHLH transcription factors' activity in an E-box-dependent manner. *eLife*, 7.

Yang Y, et al. (2017) Derivation of Pluripotent Stem Cells with In Vivo Embryonic and Extraembryonic Potency. *Cell*, 169(2), 243.

Jones JM, et al. (2009) Expression of the Gata3 transcription factor in the acoustic ganglion of the developing avian inner ear. *The Journal of comparative neurology*, 516(6), 507.

Warchol ME, et al. (2007) Expression of GATA3 and tenascin in the avian vestibular maculae: normative patterns and changes during sensory regeneration. *The Journal of comparative neurology*, 500(4), 646.