# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 3, 2025

## GATA Binding Protein-3

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:** raised against human recombinant GATA-3

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Used By NYUIHC-717
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

**Antibody Name:** GATA Binding Protein-3

**Description:** This monoclonal targets raised against human recombinant GATA-3

**Clone ID:** [HG3-31]

**Antibody ID:** AB_2108591

**Vendor:** Santa Cruz Biotechnology

**Catalog Number:** sc-268

**Record Creation Time:** 20241016T231750+0000

**Record Last Update:** 20241017T002506+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 Binding Protein-3.

## 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.


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.

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.

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-?-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.