

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

GATA4-mouse

RRID:AB_2108747

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-1237, RRID:AB_2108747

Antibody Information

URL: http://antibodyregistry.org/AB_2108747

Proper Citation: Santa Cruz Biotechnology Cat# sc-1237, RRID:AB_2108747

Target Antigen: GATA4

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; ENCODE PROJECT External validation DATA SET is released testing lot mixed for any cell type or tissues; status is awaiting lab characterization

Antibody Name: GATA4-mouse

Description: This polyclonal targets GATA4

Target Organism: Mus musculus

Clone ID: C-20

Antibody ID: AB_2108747

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-1237

Record Creation Time: 20250820T044155+0000

Record Last Update: 20250820T194115+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: mixed is available under ENCODE ID: ENCAB687SDI - ENCODE

<https://www.encodeproject.org/antibodies/ENCAB687SDI>

Warning: Discontinued: 2016

Discontinued: 2016; ENCODE PROJECT External validation DATA SET is released testing lot mixed for any cell type or tissues; status is awaiting lab characterization

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Zheng W, et al. (2026) Continuous modeling of primate embryogenesis from totipotency to early organogenesis. *Cell*, 189(15), 4664.

Windley SP, et al. (2025) NEDD4 Promotes Sertoli Cell Proliferation and Adult Leydig Cell Differentiation in the Murine Testis. *Endocrinology*, 166(9).

Perea-Gomez A, et al. (2025) NR2F2 is required in the embryonic testis for fetal Leydig cell development. *eLife*, 14.

Li S, et al. (2024) Capturing totipotency in human cells through spliceosomal repression. *Cell*, 187(13), 3284.

Andreassen CH, et al. (2024) Denosumab stimulates spermatogenesis in infertile men with preserved Sertoli cell capacity. *Cell reports. Medicine*, 5(10), 101783.

Danti L, et al. (2023) CRISPR/Cas9-mediated activation of NR5A1 steers female human embryonic stem cell-derived bipotential gonadal-like cells towards a steroidogenic cell fate. *Journal of ovarian research*, 16(1), 194.

Neirijnck Y, et al. (2023) Single-cell transcriptomic profiling redefines the origin and specification of early adrenogonadal progenitors. *Cell reports*, 42(3), 112191.

Zhu Q, et al. (2023) Decoding anterior-posterior axis emergence among mouse, monkey, and human embryos. *Developmental cell*, 58(1), 63.

Viegas JO, et al. (2022) RNA degradation eliminates developmental transcripts during murine embryonic stem cell differentiation via CAPRIN1-XRN2. *Developmental cell*, 57(24), 2731.

Capeling MM, et al. (2022) Suspension culture promotes serosal mesothelial development in human intestinal organoids. *Cell reports*, 38(7), 110379.

Cheng K, et al. (2022) The developmental origin and the specification of the adrenal cortex in humans and cynomolgus monkeys. *Science advances*, 8(16), eabn8485.

Gonzalez-Teran B, et al. (2022) Transcription factor protein interactomes reveal genetic determinants in heart disease. *Cell*, 185(5), 794.

Sepponen K, et al. (2022) Steroidogenic factor 1 (NR5A1) induces multiple transcriptional changes during differentiation of human gonadal-like cells. *Differentiation; research in biological diversity*, 128, 83.

Sakata Y, et al. (2022) Reconstitution of human adrenocortical specification and steroidogenesis using induced pluripotent stem cells. *Developmental cell*, 57(22), 2566.

Eicher AK, et al. (2022) Functional human gastrointestinal organoids can be engineered from three primary germ layers derived separately from pluripotent stem cells. *Cell stem cell*, 29(1), 36.

McKey J, et al. (2022) Integration of mouse ovary morphogenesis with developmental dynamics of the oviduct, ovarian ligaments, and rete ovarii. *eLife*, 11.

Da Silva F, et al. (2021) Retinoic acid signaling is directly activated in cardiomyocytes and protects mouse hearts from apoptosis after myocardial infarction. *eLife*, 10.

Mori Y, et al. (2021) Cdc42 is required for male germline niche development in mice. *Cell reports*, 36(7), 109550.

Heslop JA, et al. (2021) GATA6 defines endoderm fate by controlling chromatin accessibility during differentiation of human-induced pluripotent stem cells. *Cell reports*, 35(7), 109145.

Heinrich A, et al. (2021) Cdc42 activity in Sertoli cells is essential for maintenance of spermatogenesis. *Cell reports*, 37(4), 109885.