

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

Chr-A (C-20)

RRID:AB_2276319

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-1488, RRID:AB_2276319

Antibody Information

URL: http://antibodyregistry.org/AB_2276319

Proper Citation: Santa Cruz Biotechnology Cat# sc-1488, RRID:AB_2276319

Target Antigen: CHGA

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: Chr-A (C-20)

Description: This polyclonal targets CHGA

Target Organism: rat, mouse, human

Clone ID: C-20

Defining Citation: [PMID:19708028](#)

Antibody ID: AB_2276319

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-1488

Record Creation Time: 20250819T230118+0000

Record Last Update: 20250820T040222+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community. Contact(s): [Mark Huising](#), [Sangeeta Dhawan](#) - Human Islets Research Network <https://hirnetwork.org/>

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Capdevila C, et al. (2024) Time-resolved fate mapping identifies the intestinal upper crypt zone as an origin of Lgr5+ crypt base columnar cells. *Cell*, 187(12), 3039.

Maldifassi MC, et al. (2024) Autocrine activation of P2X7 receptors mediates catecholamine secretion in chromaffin cells. *British journal of pharmacology*, 181(16), 2905.

Andersson-Rolf A, et al. (2024) Long-term in vitro expansion of a human fetal pancreas stem cell that generates all three pancreatic cell lineages. *Cell*, 187(26), 7394.

Farhadipour M, et al. (2023) SCFAs switch stem cell fate through HDAC inhibition to improve barrier integrity in 3D intestinal organoids from patients with obesity. *iScience*, 26(12), 108517.

Tixi W, et al. (2023) Coordination between ECM and cell-cell adhesion regulates the development of islet aggregation, architecture, and functional maturation. *eLife*, 12.

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

He GW, et al. (2022) Optimized human intestinal organoid model reveals interleukin-22-dependency of paneth cell formation. *Cell stem cell*, 29(9), 1333.

González-Santana A, et al. (2021) Glucagon-like peptide-1 receptor controls exocytosis in chromaffin cells by increasing full-fusion events. *Cell reports*, 36(8), 109609.

Chen B, et al. (2021) Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps. *Cell*, 184(26), 6262.

Yu Q, et al. (2021) Charting human development using a multi-endodermal organ atlas and organoid models. *Cell*, 184(12), 3281.

Chen T, et al. (2021) Colonic epithelial adaptation to EGFR-independent growth induces chromosomal instability and is accelerated by prior injury. *Neoplasia* (New York, N.Y.), 23(5), 488.

Seymour PA, et al. (2020) Jag1 Modulates an Oscillatory Dll1-Notch-Hes1 Signaling Module to Coordinate Growth and Fate of Pancreatic Progenitors. *Developmental cell*, 52(6), 731.

Kasendra M, et al. (2020) Duodenum Intestine-Chip for preclinical drug assessment in a human relevant model. *eLife*, 9.

Beumer J, et al. (2020) High-Resolution mRNA and Secretome Atlas of Human Enteroendocrine Cells. *Cell*, 181(6), 1291.

Miller AJ, et al. (2020) In Vitro and In Vivo Development of the Human Airway at Single-Cell Resolution. *Developmental cell*, 53(1), 117.

Kawasaki K, et al. (2020) An Organoid Biobank of Neuroendocrine Neoplasms Enables Genotype-Phenotype Mapping. *Cell*, 183(5), 1420.

Cheng CW, et al. (2019) Ketone Body Signaling Mediates Intestinal Stem Cell Homeostasis and Adaptation to Diet. *Cell*, 178(5), 1115.

Fujii M, et al. (2018) Human Intestinal Organoids Maintain Self-Renewal Capacity and Cellular Diversity in Niche-Inspired Culture Condition. *Cell stem cell*, 23(6), 787.

Sugimoto S, et al. (2018) Reconstruction of the Human Colon Epithelium In Vivo. *Cell stem cell*, 22(2), 171.

Thorne CA, et al. (2018) Enteroid Monolayers Reveal an Autonomous WNT and BMP Circuit Controlling Intestinal Epithelial Growth and Organization. *Developmental cell*, 44(5), 624.