

Resource Summary Report

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

Amylase (G-10)

RRID:AB_626668

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-46657, RRID:AB_626668)

Antibody Information

URL: http://antibodyregistry.org/AB_626668

Proper Citation: (Santa Cruz Biotechnology Cat# sc-46657, RRID:AB_626668)

Target Antigen: AMY1A, AMY2A, AMY2B

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Antibody Name: Amylase (G-10)

Description: This monoclonal targets AMY1A, AMY2A, AMY2B

Target Organism: rat, mouse, human

Clone ID: G-10

Antibody ID: AB_626668

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-46657

Record Creation Time: 20231110T043818+0000

Ratings and Alerts

- Used by Campbell-Thompson for paraffin and fresh frozen staining protocols for human pancreatic islets. - Campbell-Thompson et al, 2012 <https://dx.doi.org/10.3791/4068>

No alerts have been found for Amylase (G-10).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Zierke L, et al. (2024) Initiation of acute pancreatitis in mice is independent of fusion between lysosomes and zymogen granules. Cellular and molecular life sciences : CMLS, 81(1), 207.

Lu P, et al. (2024) Spatiotemporal role of SETD2-H3K36me3 in murine pancreatic organogenesis. Cell reports, 43(2), 113703.

Peng Q, et al. (2024) IDH2-NADPH pathway protects against acute pancreatitis via suppressing acinar cell ferroptosis. British journal of pharmacology, 181(20), 4067.

Miao ZF, et al. (2024) Metaplastic regeneration in the mouse stomach requires a reactive oxygen species pathway. Developmental cell, 59(9), 1175.

Edri S, et al. (2024) 3D model of mouse embryonic pancreas and endocrine compartment using stem cell-derived mesoderm and pancreatic progenitors. iScience, 27(6), 109959.

Rajbhandari N, et al. (2023) Single-cell mapping identifies MSI+ cells as a common origin for diverse subtypes of pancreatic cancer. Cancer cell, 41(11), 1989.

Basile G, et al. (2023) Excess pancreatic elastase alters acinar-? cell communication by impairing the mechano-signaling and the PAR2 pathways. Cell metabolism, 35(7), 1242.

Yang X, et al. (2022) Very-low-density lipoprotein receptor-enhanced lipid metabolism in pancreatic stellate cells promotes pancreatic fibrosis. Immunity, 55(7), 1185.

Wee J, et al. (2021) Tentonin 3/TMEM150C regulates glucose-stimulated insulin secretion in pancreatic ?-cells. Cell reports, 37(9), 110067.

Flowers BM, et al. (2021) Cell of Origin Influences Pancreatic Cancer Subtype. *Cancer discovery*, 11(3), 660.

Kowalska M, et al. (2020) Development of pancreatic acini in embryos of the grass snake *Natrix natrix* (Lepidosauria, Serpentes). *Journal of morphology*, 281(1), 110.

Gabitova-Cornell L, et al. (2020) Cholesterol Pathway Inhibition Induces TGF- β Signaling to Promote Basal Differentiation in Pancreatic Cancer. *Cancer cell*, 38(4), 567.