Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 23, 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: Amylase (G-10)

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Amylase (G-10)

Description: This monoclonal targets Amylase (G-10)

Target Organism: rat, mouse, human

Antibody ID: AB_626668

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-46657

Record Creation Time: 20231110T080401+0000

Record Last Update: 20241115T075434+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.

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.

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

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.

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.

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-? Signaling to Promote Basal Differentiation in Pancreatic Cancer. Cancer cell, 38(4), 567.