Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 7, 2025

Pancreatic duodenal homeobox-1 protein

RRID:AB_777179
Type: Antibody

Proper Citation

(Abcam Cat# ab47267, RRID:AB_777179)

Antibody Information

URL: http://antibodyregistry.org/AB_777179

Proper Citation: (Abcam Cat# ab47267, RRID:AB_777179)

Target Antigen: Recombinant fusion protein containing N-terminal region of mouse PDX-1

Host Organism: rabbit

Clonality: unknown

Comments: Used By NYUIHC-673
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:TRUE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Pancreatic duodenal homeobox-1 protein

Description: This unknown targets Recombinant fusion protein containing N-terminal region of mouse PDX-1

Antibody ID: AB_777179

Vendor: Abcam

Catalog Number: ab47267

Record Creation Time: 20231110T043357+0000

Record Last Update: 20241115T094854+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:TRUE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Pancreatic duodenal homeobox-1 protein.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

Farag N, et al. (2024) Coordination between endoderm progression and mouse gastruloid elongation controls endodermal morphotype choice. Developmental cell, 59(17), 2364.

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.

Wortham M, et al. (2024) Metabolic control of adaptive ?-cell proliferation by the protein deacetylase SIRT2. bioRxiv : the preprint server for biology.

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

Jiang Z, et al. (2023) Tff2 defines transit-amplifying pancreatic acinar progenitors that lack regenerative potential and are protective against Kras-driven carcinogenesis. Cell stem cell, 30(8), 1091.

Liang S, et al. (2023) Differentiation of stem cell-derived pancreatic progenitors into insulin-secreting islet clusters in a multiwell-based static 3D culture system. Cell reports methods, 3(5), 100466.

Francis M, et al. (2023) Deubiquitinase USP1 influences the dedifferentiation of mouse pancreatic ?-cells. iScience, 26(5), 106771.

Cui X, et al. (2022) Pro-?-cell-derived ?-cells contribute to ?-cell neogenesis induced by antagonistic glucagon receptor antibody in type 2 diabetic mice. iScience, 25(7), 104567.

Chu CMJ, et al. (2022) Dynamic Ins2 Gene Activity Defines ?-Cell Maturity States. Diabetes, 71(12), 2612.

Lupse B, et al. (2021) Inhibition of PHLPP1/2 phosphatases rescues pancreatic ?-cells in diabetes. Cell reports, 36(5), 109490.

Pietrobon CB, et al. (2021) Pancreatic steatosis in adult rats induced by nicotine exposure during breastfeeding. Endocrine, 72(1), 104.

Pietrobon CB, et al. (2020) Early weaning induces short- and long-term effects on pancreatic islets in Wistar rats of both sexes. The Journal of physiology, 598(3), 489.

Hu R, et al. (2020) Myt Transcription Factors Prevent Stress-Response Gene Overactivation to Enable Postnatal Pancreatic ? Cell Proliferation, Function, and Survival. Developmental cell, 53(4), 390.

Xiong L, et al. (2020) LncRNA-Malat1 is Involved in Lipotoxicity-Induced ß-cell Dysfunction and the Therapeutic Effect of Exendin-4 via Ptbp1. Endocrinology, 161(7).

Chen Y, et al. (2020) HWL-088, a new potent free fatty acid receptor 1 (FFAR1) agonist, improves glucolipid metabolism and acts additively with metformin in ob/ob diabetic mice. British journal of pharmacology, 177(10), 2286.

Liu J, et al. (2019) Neurog3-Independent Methylation Is the Earliest Detectable Mark Distinguishing Pancreatic Progenitor Identity. Developmental cell, 48(1), 49.

Kim DS, et al. (2018) GRP94 Is an Essential Regulator of Pancreatic ?-Cell Development, Mass, and Function in Male Mice. Endocrinology, 159(2), 1062.

van der Meulen T, et al. (2017) Virgin Beta Cells Persist throughout Life at a Neogenic Niche within Pancreatic Islets. Cell metabolism, 25(4), 911.

Huang XT, et al. (2017) A Sustained Activation of Pancreatic NMDARs Is a Novel Factor of ?-Cell Apoptosis and Dysfunction. Endocrinology, 158(11), 3900.