Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 21, 2025

Glucagon antibody [K79bB10]

RRID:AB_297642
Type: Antibody

Proper Citation

(Abcam Cat# ab10988, RRID:AB_297642)

Antibody Information

URL: http://antibodyregistry.org/AB_297642

Proper Citation: (Abcam Cat# ab10988, RRID:AB_297642)

Target Antigen: Glucagon antibody [K79bB10]

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Dot, ICC, ICC/IF, IHC-Fr, IHC-P, RIA; Immunohistochemistry - frozen; Immunohistochemistry - fixed; Other; Western Blot; Immunocytochemistry; Radioimmunoassay; Dot Blot; Immunofluorescence; Immunohistochemistry
Info: Used by Czech Centre for Phenogenomics

Antibody Name: Glucagon antibody [K79bB10]

Description: This monoclonal targets Glucagon antibody [K79bB10]

Target Organism: rat, porcine, pig, mouse, human

Antibody ID: AB_297642

Vendor: Abcam

Catalog Number: ab10988

Record Creation Time: 20231110T081531+0000

Record Last Update: 20241115T043250+0000

Ratings and Alerts

- Used by Czech Centre for Phenogenomics - Czech Centre for Phenogenomics https://www.phenogenomics.cz/

No alerts have been found for Glucagon antibody [K79bB10].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Knebel UE, et al. (2024) Disrupted RNA editing in beta cells mimics early-stage type 1 diabetes. Cell metabolism, 36(1), 48.

Kalnytska O, et al. (2024) SORCS2 activity in pancreatic ?-cells safeguards insulin granule formation and release from glucose-stressed ?-cells. iScience, 27(1), 108725.

Karakose E, et al. (2024) Cycling alpha cells in regenerative drug-treated human pancreatic islets may serve as key beta cell progenitors. Cell reports. Medicine, 5(12), 101832.

Higazi AA, et al. (2024) Characterization of metabolic alterations in the lean metabolically unhealthy alpha defensin transgenic mice. iScience, 27(2), 108802.

Evans-Molina C, et al. (2024) Heterogeneous endocrine cell composition defines human islet functional phenotypes. bioRxiv : the preprint server for biology.

Choleva L, et al. (2023) Structure-Function Analysis of p57KIP2 in the Human Pancreatic Beta Cell Reveals a Bipartite Nuclear Localization Signal. Endocrinology, 165(2).

Syed F, et al. (2023) A discovery-based proteomics approach identifies protein disulphide isomerase (PDIA1) as a biomarker of ? cell stress in type 1 diabetes. EBioMedicine, 87, 104379.

Liu J, et al. (2023) ?-Cell glucokinase expression was increased in type 2 diabetes subjects with better glycemic control. Journal of diabetes, 15(5), 409.

Guo Y, et al. (2023) Steroidogenic factor 1 protects mice from obesity-induced glucose intolerance via improving glucose-stimulated insulin secretion by beta cells. iScience, 26(4), 106451.

Bayazit MB, et al. (2022) Small RNAs derived from tRNA fragmentation regulate the

functional maturation of neonatal ? cells. Cell reports, 40(2), 111069.

Furuya F, et al. (2022) Liver autophagy-induced valine and leucine in plasma reflect the metabolic effect of sodium glucose co-transporter 2 inhibitor dapagliflozin. EBioMedicine, 86, 104342.

Song J, et al. (2022) Aging Impairs Adaptive Unfolded Protein Response and Drives Beta Cell Dedifferentiation in Humans. The Journal of clinical endocrinology and metabolism, 107(12), 3231.

Furth-Lavi J, et al. (2022) Glycemic control releases regenerative potential of pancreatic beta cells blocked by severe hyperglycemia. Cell reports, 41(9), 111719.

Vasileva A, et al. (2022) Glucagon receptor signaling at white adipose tissue does not regulate lipolysis. American journal of physiology. Endocrinology and metabolism, 323(4), E389.

Pedraza-Arevalo S, et al. (2022) Differentiation of beta-like cells from human induced pluripotent stem cell-derived pancreatic progenitor organoids. STAR protocols, 3(3), 101656.

Cujba AM, et al. (2022) An HNF1? truncation associated with maturity-onset diabetes of the young impairs pancreatic progenitor differentiation by antagonizing HNF1? function. Cell reports, 38(9), 110425.

Kulkarni S, et al. (2022) Exocrine and Endocrine Inflammation Increases Cellular Replication in the Pancreatic Duct Compartment in Type 1 Diabetes. Journal of the Endocrine Society, 6(11), bvac136.

Zhang X, et al. (2021) Amino acids-Rab1A-mTORC1 signaling controls whole-body glucose homeostasis. Cell reports, 34(11), 108830.

Haliyur R, et al. (2021) Integrated Analysis of the Pancreas and Islets Reveals Unexpected Findings in Human Male With Type 1 Diabetes. Journal of the Endocrine Society, 5(12), bvab162.

Wu CT, et al. (2021) SARS-CoV-2 infects human pancreatic ? cells and elicits ? cell impairment. Cell metabolism, 33(8), 1565.