Resource Summary Report

Generated by NIF on Jul 31, 2026

Polyclonal Guinea Pig Anti- Insulin

RRID:AB_10013624
Type: Antibody

Proper Citation

(Agilent Cat# A0564, RRID:AB_10013624)

Antibody Information

URL: http://antibodyregistry.org/AB_10013624

Proper Citation: (Agilent Cat# A0564, RRID:AB_10013624)

Target Antigen: Insulin

Host Organism: guinea pig

Clonality: polyclonal

Comments: Original Manufacturer: Dako. Now part of Agilent.
Consolidation on 10/2025: AB_2617169
Used By NYUIHC-1248. Original Manufacturer: Dako. Now part of Agilent.
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:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Polyclonal Guinea Pig Anti- Insulin

Description: This polyclonal targets Insulin

Target Organism: human

Antibody ID: AB_10013624

Vendor: Agilent

Catalog Number: A0564

Alternative Catalog Numbers: A056401-2

Record Creation Time: 20251020T062026+0000

Record Last Update: 20260225T230228+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:FALSE, 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 Polyclonal Guinea Pig Anti- Insulin.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 120 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Tiemann U, et al. (2025) Pancreatic alpha and beta cell fate choice is directed by apical-basal polarity dynamics. Developmental cell, 60(13), 1871.

Arunagiri A, et al. (2025) Quantification of Folded and Misfolded Proinsulin Forms Using Nonreducing SDS-PAGE and Proinsulin-Specific Immunoblotting. Bio-protocol, 15(11), e5337.

Jun Y, et al. (2025) Engineered vasculature induces functional maturation of pluripotent stem cell-derived islet organoids. Developmental cell.

Vandana JJ, et al. (2025) ChemPerturb-seq screen identifies a small molecule cocktail enhancing human beta cell survival after subcutaneous transplantation. Cell stem cell, 32(8), 1299.

Huang X, et al. (2025) Ductal or Ngn3+ cells do not contribute to adult pancreatic islet beta-cell neogenesis in homeostasis. The EMBO journal, 44(10), 2856.

Schiesser JV, et al. (2025) LY6H is a marker of human pancreatic delta cells. Scientific reports, 15(1), 33011.

Bernardo E, et al. (2025) HNF1A and A1CF coordinate a beta cell transcription-splicing axis that is disrupted in type 2 diabetes. Cell metabolism, 37(9), 1870.

Clarke D, et al. (2025) A vascular-associated fibroblastic cell controls pancreatic islet immunity. Cell reports, 44(9), 116189.

D'Oliveira Albanus R, et al. (2025) Integrative single-cell multi-omics profiling of human pancreatic islets identifies T1D-associated genes and regulatory signals. Cell reports,

44(8), 116065.

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

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

Graff SM, et al. (2024) TALK-1-mediated alterations of ?-cell mitochondrial function and insulin secretion impair glucose homeostasis on a diabetogenic diet. Cell reports, 43(1), 113673.

Panagiotou S, et al. (2024) OSBP-mediated PI(4)P-cholesterol exchange at endoplasmic reticulum-secretory granule contact sites controls insulin secretion. Cell reports, 43(4), 113992.

Yang L, et al. (2024) Human vascularized macrophage-islet organoids to model immune-mediated pancreatic ? cell pyroptosis upon viral infection. Cell stem cell, 31(11), 1612.

Ramos-Rodríguez M, et al. (2024) Implications of noncoding regulatory functions in the development of insulinomas. Cell genomics, 4(8), 100604.

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.

Acreman S, et al. (2024) The endoplasmic reticulum plays a key role in ?-cell intracellular Ca2+ dynamics and glucose-regulated glucagon secretion in mouse islets. iScience, 27(5), 109665.

Arunagiri A, et al. (2024) Proinsulin folding and trafficking defects trigger a common pathological disturbance of endoplasmic reticulum homeostasis. Protein science : a publication of the Protein Society, 33(4), e4949.

Barra JM, et al. (2024) Combinatorial genetic engineering strategy for immune protection of stem cell-derived beta cells by chimeric antigen receptor regulatory T cells. Cell reports, 43(11), 114994.

Halloran KM, et al. (2024) Developmental programming: Testosterone excess masculinizes female pancreatic transcriptome and function in sheep. Molecular and cellular endocrinology, 588, 112234.