

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 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 131 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Varela M, et al. (2026) Oxygen and glucose supplementation increases rates of linear growth and cell proliferation in growth-restricted fetal sheep. The Journal of physiology, 604(7), 2778.

Barmaver SN, et al. (2026) Heterogeneous expression patterns of the T2D-associated kinesin-4 KIF21A in pancreatic islet endocrine cells. Molecular metabolism, 110, 102408.

Sakata N, et al. (2026) The Japanese Macaque as a Diabetes Recipient Animal Model for Porcine Islet Xenotransplantation. MedComm, 7(4), e70726.

Bellofatto K, et al. (2026) Implantable vascularized endocrine constructs for clinically scalable insulin delivery. Trends in biotechnology.

Hu R, et al. (2026) Diabetes-associated MYT1 and ST18 genes regulate human beta cell insulin secretion and survival via other diabetes risk genes. Diabetologia, 69(9), 2554.

McKimpson WM, et al. (2026) Activation of a Yap1-mesenchymal-like program in β -cells during diabetes. Cell reports, 45(7), 117596.

Tong Y, et al. (2026) A new form of diabetes caused by INS mutations defined by zygosity, stem cell and population data. EMBO molecular medicine, 18(2), 620.

Arunagiri A, et al. (2026) Limiting ER-associated degradation capacity triggers acute and chronic effects on insulin biosynthesis. The Journal of clinical investigation, 136(2).

Kumar S, et al. (2026) A distinct vagus-beta cell neural circuit senses glucose and modulates insulin secretion. Molecular metabolism, 108, 102371.

Sayers SR, et al. (2026) eNAMPT induces alpha-cell mass expansion but impaired glucagon counter regulatory response. *Endocrinology*, 167(7).

Ghosh S, et al. (2025) Hepatic and Pancreatic Cellular Response to Early Life Nutritional Mismatch. *Endocrinology*, 166(3).

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.

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*.

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

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.

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.

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

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.