

Resource Summary Report

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Anti-Insulin Antibody [EPR17359]

RRID:AB_2716761

Type: Antibody

Proper Citation

(Abcam Cat# ab181547, RRID:AB_2716761)

Antibody Information

URL: http://antibodyregistry.org/AB_2716761

Proper Citation: (Abcam Cat# ab181547, RRID:AB_2716761)

Target Antigen: Insulin

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: IHC-FoFr, IHC-P, ICC/IF
Info: Used by Czech Centre for Phenogenomics

Antibody Name: Anti-Insulin Antibody [EPR17359]

Description: This monoclonal targets Insulin

Target Organism: rat, mouse, human

Antibody ID: AB_2716761

Vendor: Abcam

Catalog Number: ab181547

Record Creation Time: 20231110T033803+0000

Record Last Update: 20240725T092320+0000

Ratings and Alerts

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

No alerts have been found for Anti-Insulin Antibody [EPR17359].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Tian T, et al. (2024) Characterization of sensory and motor dysfunction and morphological alterations in late stages of type 2 diabetic mice. *Frontiers in endocrinology*, 15, 1374689.

Johansen CG, et al. (2024) Extracellular matrix stiffness mediates insulin secretion in pancreatic islets via mechanosensitive Piezo1 channel regulated Ca²⁺ dynamics. *Matrix biology plus*, 22, 100148.

Ivovic A, et al. (2024) β -Cell Insulin Resistance Plays a Causal Role in Fat-Induced β -Cell Dysfunction In Vitro and In Vivo. *Endocrinology*, 165(5).

Spinelli P, et al. (2023) Susceptibility to Low Vitamin B6 Diet-induced Gestational Diabetes Is Modulated by Strain Differences in Mice. *Endocrinology*, 164(10).

Fadzeyeva E, et al. (2023) Pancreas-derived DPP4 is not essential for glucose homeostasis under metabolic stress. *iScience*, 26(5), 106748.

Sakata N, et al. (2023) Optimal temperature for the long-term culture of adult porcine islets for xenotransplantation. *Frontiers in immunology*, 14, 1280668.

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.

Yang S, et al. (2022) ATP6V1H deficiency impairs glucose tolerance by augmenting endoplasmic reticulum stress in high fat diet fed mice. *Archives of biochemistry and biophysics*, 716, 109116.

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.

Garcia-Irigoyen O, et al. (2022) Enterocyte superoxide dismutase 2 deletion drives obesity.

iScience, 25(1), 103707.

Anastasiou IA, et al. (2022) Low concentrations of bisphenol A promote the activation of the mitochondrial apoptotic pathway on Beta-TC-6 cells via the generation of intracellular reactive oxygen species and mitochondrial superoxide. *Journal of biochemical and molecular toxicology*, 36(8), e23099.

Xi Y, et al. (2022) Glucagon-receptor-antagonism-mediated β -cell regeneration as an effective anti-diabetic therapy. *Cell reports*, 39(9), 110872.

Chen K, et al. (2022) Single-cell RNA-seq transcriptomic landscape of human and mouse islets and pathological alterations of diabetes. *iScience*, 25(11), 105366.

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

Kusmartseva I, et al. (2020) Expression of SARS-CoV-2 Entry Factors in the Pancreas of Normal Organ Donors and Individuals with COVID-19. *Cell metabolism*, 32(6), 1041.

Song Y, et al. (2019) Gut-Proglucagon-Derived Peptides Are Essential for Regulating Glucose Homeostasis in Mice. *Cell metabolism*, 30(5), 976.

Boland BB, et al. (2018) β -Cell Control of Insulin Production During Starvation-Refeeding in Male Rats. *Endocrinology*, 159(2), 895.