

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

Insulin Receptor ? (4B8) Rabbit mAb

RRID:AB_2280448

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3025, RRID:AB_2280448

Antibody Information

URL: http://antibodyregistry.org/AB_2280448

Proper Citation: Cell Signaling Technology Cat# 3025, RRID:AB_2280448

Target Antigen: Insulin Receptor beta

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: W, IP.
Consolidation on 9/2016: AB_10694781.

Antibody Name: Insulin Receptor ? (4B8) Rabbit mAb

Description: This recombinant monoclonal targets Insulin Receptor beta

Target Organism: rat, mouse, human

Clone ID: Clone 4B8

Antibody ID: AB_2280448

Vendor: Cell Signaling Technology

Catalog Number: 3025

Alternative Catalog Numbers: 3025S

Record Creation Time: 20250819T233059+0000

Record Last Update: 20250820T053436+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.
Contact(s): [Wei-Jun Qian](#), [Rohit Kulkarni](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for Insulin Receptor ? (4B8) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 75 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

He W, et al. (2025) IGF1 Signaling Regulates Neuropeptide Expression in Hypothalamic Neurons Under Physiological and Pathological Conditions. *Endocrinology*, 166(5).

Catalano R, et al. (2025) Emerging role of IGF1R and IR expression and localisation in adrenocortical carcinomas. *Cell communication and signaling : CCS*, 23(1), 119.

Jin G, et al. (2025) Therapeutic management of PI3K? inhibitor-induced hyperglycemia with a novel glucokinase activator: Advancing the Frontier of PI3K? inhibitor therapy. *Molecular metabolism*, 96, 102151.

Miro C, et al. (2025) Leptin enhances the intracellular thyroid hormone activation in skeletal muscle to boost energy balance. *Cell metabolism*, 37(4), 936.

Naderi J, et al. (2025) Ceramide-induced FGF13 impairs systemic metabolic health. *Cell metabolism*, 37(5), 1206.

Galifi CA, et al. (2025) Identifying antisense oligonucleotides for targeted inhibition of insulin receptor isoform A. *Frontiers in oncology*, 15, 1563985.

Mattar P, et al. (2024) Insulin and leptin oscillations license food-entrained browning and metabolic flexibility. *Cell reports*, 43(7), 114390.

Chen G, et al. (2024) Cenicriviroc Suppresses and Reverses Steatohepatitis by Regulating Macrophage Infiltration and M2 Polarization in Mice. *Endocrinology*, 165(7).

Zhang Y, et al. (2024) Islet-resident macrophage-derived miR-155 promotes ? cell decompensation via targeting PDX1. *iScience*, 27(4), 109540.

Chhabra Y, et al. (2024) Roles of Growth Hormone-Dependent JAK-STAT5 and Lyn Kinase Signaling in Determining Lifespan and Cancer Incidence. *Endocrinology*, 165(11).

Chopra S, et al. (2024) DEP-1 is a brain insulin receptor phosphatase that prevents the simultaneous activation of counteracting metabolic pathways. *Cell reports*, 43(12),

114984.

Lino M, et al. (2024) Multi-step regulation of microRNA expression and secretion into small extracellular vesicles by insulin. *Cell reports*, 43(7), 114491.

Dall'Agnese A, et al. (2024) Proteoethargy is a pathogenic mechanism in chronic disease. *Cell*.

Yu L, et al. (2024) FcRn-dependent IgG accumulation in adipose tissue unmasks obesity pathophysiology. *Cell metabolism*.

Xu W, et al. (2024) Ceramide synthesis inhibitors prevent lipid-induced insulin resistance through the DAG-PKC β -insulin receptorT1150 phosphorylation pathway. *Cell reports*, 43(10), 114746.

Hurcombe JA, et al. (2024) Contrasting consequences of podocyte insulin-like growth factor 1 receptor inhibition. *iScience*, 27(5), 109749.

Xiao L, et al. (2024) m6A mRNA methylation in brown fat regulates systemic insulin sensitivity via an inter-organ prostaglandin signaling axis independent of UCP1. *Cell metabolism*, 36(10), 2207.

Malvi P, et al. (2023) HOXC6 drives a therapeutically targetable pancreatic cancer growth and metastasis pathway by regulating MSK1 and PPP2R2B. *Cell reports. Medicine*, 4(11), 101285.

Chen M, et al. (2023) CD36 regulates diurnal glucose metabolism and hepatic clock to maintain glucose homeostasis in mice. *iScience*, 26(4), 106524.

Cornejo MA, et al. (2023) Simultaneous SGLT2 inhibition and caloric restriction improves insulin resistance and kidney function in OLETF rats. *Molecular and cellular endocrinology*, 560, 111811.