

Resource Summary Report

Generated by PRECISE-TBI on Sep 6, 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: 20231110T044343+0000

Record Last Update: 20260829T135044+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 80 mentions in open access literature.

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

Song J, et al. (2026) Ets1-dependent Mek-Erk signaling drives adipose tissue macrophage anti-inflammatory polarization to ameliorates insulin resistance. Cell reports, 45(4), 117244.

Sajan MP, et al. (2026) Progranulin deficiency in the brain activates an insulin signaling pathway that may promote neurodegeneration. iScience, 29(5), 115720.

Preissing B, et al. (2026) Light-activated insulin receptor modulates neuronal plasticity and cerebellar-driven behavior. iScience, 29(7), 116615.

Li G, et al. (2026) Non-enzymatic ABHD6 interacts with Akt-FoxO1 axis to regulate selective hepatic insulin resistance. bioRxiv : the preprint server for biology.

Norambuena-Soto I, et al. (2026) Angiotensin-(1-9) attenuates diabetic cardiomyopathy by improving insulin resistance. British journal of pharmacology, 183(11), 3032.

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

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.

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.

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

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

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

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

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

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

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).

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*.

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.

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.