

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

insulin Rbeta (CT-3)

RRID:AB_784102

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-57342, RRID:AB_784102

Antibody Information

URL: http://antibodyregistry.org/AB_784102

Proper Citation: Santa Cruz Biotechnology Cat# sc-57342, RRID:AB_784102

Target Antigen: INSR

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P)

Antibody Name: insulin Rbeta (CT-3)

Description: This monoclonal targets INSR

Target Organism: rat, mouse, human

Clone ID: CT-3

Antibody ID: AB_784102

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-57342

Record Creation Time: 20250819T225251+0000

Record Last Update: 20250820T033552+0000

Ratings and Alerts

No rating or validation information has been found for insulin Rbeta (CT-3).

No alerts have been found for insulin Rbeta (CT-3).

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 [RRID](#) .

Terzo S, et al. (2026) Positive impact of indicaxanthin from *Opuntia ficus-indica* fruit on high-fat diet-induced neuronal damage and gut microbiota dysbiosis. *Neural regeneration research*, 21(1), 324.

Meroni M, et al. (2025) Exploring multiorgan mitochondrial dysfunction in the switch toward progressive MASLD in AMLN mice. *iScience*, 28(9), 113449.

Rodríguez M, et al. (2025) Central Downregulation of S-Resistin Alleviates Inflammation in EWAT and Liver and Prevents Adipocyte Hypertrophy. *Journal of the Endocrine Society*, 9(2), bva224.

Hori A, et al. (2025) Blockade of insulin receptor signaling in the medullary cardiovascular centers impairs open-loop arterial baroreflex function via attenuated neural arc in healthy male rats. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(5), e70421.

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.

Kolling LJ, et al. (2025) The superficial tufted and mitral cell output neurons of the mouse olfactory bulb have dual roles in insulin sensing. *bioRxiv : the preprint server for biology*.

Wang X, et al. (2025) Tuning insulin receptor signaling using de novo-designed agonists. *Molecular cell*, 85(21), 4064.

Weber CM, et al. (2024) Impacts of APOE-?4 and exercise training on brain microvascular endothelial cell barrier function and metabolism. *EBioMedicine*, 111, 105487.

Estrada JA, et al. (2024) Intracerebroventricular insulin injection acutely normalizes the augmented exercise pressor reflex in male rats with type 2 diabetes mellitus. *The Journal of physiology*.

Zhou J, et al. (2023) BACE1 regulates expression of Clusterin in astrocytes for enhancing clearance of ?-amyloid peptides. *Molecular neurodegeneration*, 18(1), 31.

Zhang X, et al. (2023) Suppression of Insulin Receptor Substrate 1 Inhibits Breast Cancer Growth In Vitro and in Female Athymic Mice. *Endocrinology*, 164(3).

Estrada JA, et al. (2023) Blockade of endogenous insulin receptor signaling in the nucleus tractus solitarius potentiates exercise pressor reflex function in healthy male rats. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 37(9), e23141.

Fougeray T, et al. (2022) The hepatocyte insulin receptor is required to program the liver clock and rhythmic gene expression. *Cell reports*, 39(2), 110674.

Fougerat A, et al. (2022) ATGL-dependent white adipose tissue lipolysis controls hepatocyte PPAR α activity. *Cell reports*, 39(10), 110910.

Hori A, et al. (2022) Insulin potentiates the response to capsaicin in dorsal root ganglion neurons in vitro and muscle afferents ex vivo in normal healthy rodents. *The Journal of physiology*, 600(3), 531.

Balaji V, et al. (2022) A dimer-monomer switch controls CHIP-dependent substrate ubiquitylation and processing. *Molecular cell*, 82(17), 3239.

Demian WL, et al. (2019) The Ion Transporter NKCC1 Links Cell Volume to Cell Mass Regulation by Suppressing mTORC1. *Cell reports*, 27(6), 1886.