

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

IRS-2 Antibody

RRID:AB_2125774

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4502, RRID:AB_2125774

Antibody Information

URL: http://antibodyregistry.org/AB_2125774

Proper Citation: Cell Signaling Technology Cat# 4502, RRID:AB_2125774

Target Antigen: IRS-2

Clonality: unknown

Comments: Applications: W. Consolidation on 10/2018: AB_10694779, AB_10828258, AB_2125774.

Antibody Name: IRS-2 Antibody

Description: This unknown targets IRS-2

Target Organism: rat, mouse, human

Antibody ID: AB_2125774

Vendor: Cell Signaling Technology

Catalog Number: 4502

Record Creation Time: 20250820T044134+0000

Record Last Update: 20250820T194050+0000

Ratings and Alerts

No rating or validation information has been found for IRS-2 Antibody.

No alerts have been found for IRS-2 Antibody.

Data and Source Information

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Lee JS, et al. (2025) Interaction of IRS2 with PLK1 protects cells from mitotic stress. bioRxiv : the preprint server for biology.

Yang W, et al. (2024) ZnPP-laden nanoparticles improve glucose homeostasis and chronic inflammation during obesity. British journal of pharmacology, 181(16), 2886.

Lapadula D, et al. (2023) IGF1R Inhibition Enhances the Therapeutic Effects of Gq/11 Inhibition in Metastatic Uveal Melanoma Progression. Molecular cancer therapeutics, 22(1), 63.

McElwain CJ, et al. (2023) Defective Visceral Adipose Tissue Adaptation in Gestational Diabetes Mellitus. The Journal of clinical endocrinology and metabolism.

Gayen M, et al. (2022) The CX3CL1 intracellular domain exhibits neuroprotection via insulin receptor/insulin-like growth factor receptor signaling. The Journal of biological chemistry, 298(11), 102532.

Lee JS, et al. (2022) The insulin and IGF signaling pathway sustains breast cancer stem cells by IRS2/PI3K-mediated regulation of MYC. Cell reports, 41(10), 111759.

Aguilar-Recarte D, et al. (2021) GDF15 mediates the metabolic effects of PPAR γ by activating AMPK. Cell reports, 36(6), 109501.

Hanniford D, et al. (2020) Epigenetic Silencing of CDR1as Drives IGF2BP3-Mediated Melanoma Invasion and Metastasis. Cancer cell, 37(1), 55.

Stermann T, et al. (2018) Deletion of the RabGAP TBC1D1 Leads to Enhanced Insulin Secretion and Fatty Acid Oxidation in Islets From Male Mice. Endocrinology, 159(4), 1748.

Koh A, et al. (2018) Microbially Produced Imidazole Propionate Impairs Insulin Signaling through mTORC1. Cell, 175(4), 947.