

Resource Summary Report

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IRS-1 Antibody

RRID:AB_330333

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 2382 (also 2382L, 2382S), RRID:AB_330333)

Antibody Information

URL: http://antibodyregistry.org/AB_330333

Proper Citation: (Cell Signaling Technology Cat# 2382 (also 2382L, 2382S), RRID:AB_330333)

Target Antigen: IRS-1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB, IP
Consolidation on 9/2016: AB_823549, AB_330333.

Antibody Name: IRS-1 Antibody

Description: This polyclonal targets IRS-1

Target Organism: human, mouse, rat

Antibody ID: AB_330333

Vendor: Cell Signaling Technology

Catalog Number: 2382 (also 2382L, 2382S)

Alternative Catalog Numbers: 2382S, 2382L

Ratings and Alerts

No rating or validation information has been found for IRS-1 Antibody.

No alerts have been found for IRS-1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Torres-Ayuso P, et al. (2024) PIM1 targeted degradation prevents the emergence of chemoresistance in prostate cancer. *Cell chemical biology*, 31(2), 326.

Edwin RK, et al. (2024) TGS1/PIMT knockdown reduces lipid accumulation in adipocytes, limits body weight gain and promotes insulin sensitivity in mice. *Biochimica et biophysica acta. Molecular basis of disease*, 1870(1), 166896.

Bai Y, et al. (2024) Trans-omic analysis reveals opposite metabolic dysregulation between feeding and fasting in liver associated with obesity. *iScience*, 27(3), 109121.

Chessa TAM, et al. (2023) PLEKHS1 drives PI3Ks and remodels pathway homeostasis in PTEN-null prostate. *Molecular cell*, 83(16), 2991.

Shin S, et al. (2023) mTOR inhibition reprograms cellular proteostasis by regulating eIF3D-mediated selective mRNA translation and promotes cell phenotype switching. *Cell reports*, 42(8), 112868.

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).

Andres-Hernando A, et al. (2023) Phosphate depletion in insulin-insensitive skeletal muscle drives AMPD activation and sarcopenia in chronic kidney disease. *iScience*, 26(4), 106355.

Choi CHJ, et al. (2022) LRG1 is an adipokine that promotes insulin sensitivity and suppresses inflammation. *eLife*, 11.

Zhao H, et al. (2022) Hyperuricemia contributes to glucose intolerance of hepatic inflammatory macrophages and impairs the insulin signaling pathway via IRS2-proteasome degradation. *Frontiers in immunology*, 13, 931087.

Jiang P, et al. (2021) Negative regulation of AMPK signaling by high glucose via E3 ubiquitin ligase MG53. *Molecular cell*, 81(3), 629.

Li H, et al. (2021) Autoimmune activation of the GnRH receptor induces insulin resistance independent of obesity in a female rat model. *Physiological reports*, 8(24), e14672.

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

You JS, et al. (2021) Aging Does Not Exacerbate Muscle Loss During Denervation and Lends Unique Muscle-Specific Atrophy Resistance With Akt Activation. *Frontiers in physiology*, 12, 779547.

Tulpule A, et al. (2021) Kinase-mediated RAS signaling via membraneless cytoplasmic protein granules. *Cell*, 184(10), 2649.

Liu D, et al. (2020) TNFAIP3 Interacting Protein 3 Overexpression Suppresses Nonalcoholic Steatohepatitis by Blocking TAK1 Activation. *Cell metabolism*, 31(4), 726.

Chen S, et al. (2020) Runx2⁺ Niche Cells Maintain Incisor Mesenchymal Tissue Homeostasis through IGF Signaling. *Cell reports*, 32(6), 108007.

Luo J, et al. (2020) Antidiabetic activity in vitro and in vivo of BDB, a selective inhibitor of protein tyrosine phosphatase 1B, from *Rhodomela confervoides*. *British journal of pharmacology*, 177(19), 4464.

Shen S, et al. (2019) Myricanol modulates skeletal muscle-adipose tissue crosstalk to alleviate high-fat diet-induced obesity and insulin resistance. *British journal of pharmacology*, 176(20), 3983.

Zhou X, et al. (2019) Hypoglycaemic effects of glimepiride in sulfonylurea receptor 1 deficient rat. *British journal of pharmacology*, 176(3), 478.

Lu H, et al. (2018) Combined Hyperglycemia- and Hyperinsulinemia-Induced Insulin Resistance in Adipocytes Is Associated With Dual Signaling Defects Mediated by PKC- δ . *Endocrinology*, 159(4), 1658.