Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 19, 2025

Hexokinase I (C35C4) Rabbit mAb

RRID:AB_2116996 Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 2024, RRID:AB_2116996)

Antibody Information

URL: http://antibodyregistry.org/AB_2116996

Proper Citation: (Cell Signaling Technology Cat# 2024, RRID:AB_2116996)

Target Antigen: Hexokinase I

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC Consolidation on 8/2020: AB_2116996, AB_10358891.

Antibody Name: Hexokinase I (C35C4) Rabbit mAb

Description: This monoclonal targets Hexokinase I

Target Organism: mouse, human

Clone ID: C35C4

Antibody ID: AB_2116996

Vendor: Cell Signaling Technology

Catalog Number: 2024

Record Creation Time: 20231110T074044+0000

Record Last Update: 20241115T102833+0000

Ratings and Alerts

No rating or validation information has been found for Hexokinase I (C35C4) Rabbit mAb.

No alerts have been found for Hexokinase I (C35C4) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 33 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Arnone AA, et al. (2025) Endocrine-targeting therapies shift the breast microbiome to reduce estrogen receptor-? breast cancer risk. Cell reports. Medicine, 6(1), 101880.

Lin X, et al. (2024) Augmentation of scleral glycolysis promotes myopia through histone lactylation. Cell metabolism, 36(3), 511.

Farook MR, et al. (2024) Loss of mitochondrial pyruvate carrier 1 supports proline-dependent proliferation and collagen biosynthesis in ovarian cancer. Molecular metabolism, 81, 101900.

Liu Y, et al. (2024) Imbalance in Glucose Metabolism Regulates the Transition of Microglia from Homeostasis to Disease-Associated Microglia Stage 1. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(20).

Pilic J, et al. (2024) Hexokinase 1 forms rings that regulate mitochondrial fission during energy stress. Molecular cell, 84(14), 2732.

Pusec CM, et al. (2023) Liver-specific overexpression of HKDC1 increases hepatocyte size and proliferative capacity. Scientific reports, 13(1), 8034.

Krause GJ, et al. (2023) Molecular determinants of the crosstalk between endosomal microautophagy and chaperone-mediated autophagy. Cell reports, 42(12), 113529.

Sundaram VK, et al. (2023) Adipo-glial signaling mediates metabolic adaptation in peripheral nerve regeneration. Cell metabolism, 35(12), 2136.

He Y, et al. (2023) Numb/Parkin-directed mitochondrial fitness governs cancer cell fate via metabolic regulation of histone lactylation. Cell reports, 42(2), 112033.

Ghezzi C, et al. (2023) Pacritinib inhibits glucose consumption in squamous cell lung cancer cells by targeting FLT3. Scientific reports, 13(1), 1442.

Wu YQ, et al. (2023) Low glucose metabolite 3-phosphoglycerate switches PHGDH from serine synthesis to p53 activation to control cell fate. Cell research, 33(11), 835.

Xu B, et al. (2022) Identification of metabolic pathways underlying FGF1 and CHIR99021mediated cardioprotection. iScience, 25(6), 104447.

Hu B, et al. (2022) IFN? Potentiates Anti-PD-1 Efficacy by Remodeling Glucose Metabolism in the Hepatocellular Carcinoma Microenvironment. Cancer discovery, 12(7), 1718.

De Jesus A, et al. (2022) Hexokinase 1 cellular localization regulates the metabolic fate of glucose. Molecular cell, 82(7), 1261.

Tong WH, et al. (2022) Hyperactivation of mTOR and AKT in a cardiac hypertrophy animal model of Friedreich ataxia. Heliyon, 8(8), e10371.

Ordureau A, et al. (2021) Temporal proteomics during neurogenesis reveals large-scale proteome and organelle remodeling via selective autophagy. Molecular cell, 81(24), 5082.

Branovets J, et al. (2021) Cardiac expression and location of hexokinase changes in a mouse model of pure creatine deficiency. American journal of physiology. Heart and circulatory physiology, 320(2), H613.

Al Rahim M, et al. (2021) Neuronal Pentraxin 1 Promotes Hypoxic-Ischemic Neuronal Injury by Impairing Mitochondrial Biogenesis via Interactions With Active Bax[6A7] and Mitochondrial Hexokinase II. ASN neuro, 13, 17590914211012888.

Qi G, et al. (2021) ApoE4 Impairs Neuron-Astrocyte Coupling of Fatty Acid Metabolism. Cell reports, 34(1), 108572.

Ghergurovich JM, et al. (2021) Local production of lactate, ribose phosphate, and amino acids within human triple-negative breast cancer. Med (New York, N.Y.), 2(6), 736.