Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

Anti-Glutaminase antibody [EP7212]

RRID:AB_2721038
Type: Antibody

Proper Citation

(Abcam Cat# ab156876, RRID:AB_2721038)

Antibody Information

URL: http://antibodyregistry.org/AB_2721038

Proper Citation: (Abcam Cat# ab156876, RRID:AB_2721038)

Target Antigen: Glutaminase

Host Organism: rabbit

Clonality: monoclonal

Comments: Suitable for: Flow Cyt, WB, IHC-P, ICC/IF.
Matre P et al. Inhibiting glutaminase in acute myeloid leukemia: metabolic dependency of selected AML subtypes. Oncotarget 7:79722-79735 (2016). WB; Human . Read more (PubMed: 27806325) »

Antibody Name: Anti-Glutaminase antibody [EP7212]

Description: This monoclonal targets Glutaminase

Target Organism: human

Clone ID: EP7212

Antibody ID: AB_2721038

Vendor: Abcam

Catalog Number: ab156876

Record Creation Time: 20231110T033731+0000

Record Last Update: 20240725T000225+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Glutaminase antibody [EP7212] .

No alerts have been found for Anti-Glutaminase antibody [EP7212] .

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Rachedi NS, et al. (2024) Dietary intake and glutamine-serine metabolism control pathologic vascular stiffness. Cell metabolism, 36(6), 1335.

Tang R, et al. (2023) Targeting neoadjuvant chemotherapy-induced metabolic reprogramming in pancreatic cancer promotes anti-tumor immunity and chemo-response. Cell reports. Medicine, 4(10), 101234.

Venkateswaran G, et al. (2023) A Carbonic Anhydrase IX/SLC1A5 Axis Regulates Glutamine Metabolism Dependent Ferroptosis in Hypoxic Tumor Cells. Molecular cancer therapeutics, 22(10), 1228.

Chen L, et al. (2023) Emodin promotes hepatic stellate cell senescence and alleviates liver fibrosis via a nuclear receptor (Nur77)-mediated epigenetic regulation of glutaminase 1. British journal of pharmacology, 180(19), 2577.

Barnett SE, et al. (2023) BAP1 Loss Is Associated with Higher ASS1 Expression in Epithelioid Mesothelioma: Implications for Therapeutic Stratification. Molecular cancer research : MCR, 21(5), 411.

Kim Y, et al. (2023) Glutathione dynamics is a potential predictive and therapeutic trait for neoadjuvant chemotherapy response in bladder cancer. Cell reports. Medicine, 4(10), 101224.

Zhang D, et al. (2022) Yap-Myc signaling induces pancreatic stellate cell activation through regulating glutaminolysis. Experimental cell research, 411(1), 113000.

Kim H, et al. (2021) Generation of human pluripotent stem cell-derived fused organoids with oligodendroglia and myelin. STAR protocols, 2(2), 100443.

Tong M, et al. (2021) Loss of tyrosine catabolic enzyme HPD promotes glutamine anaplerosis through mTOR signaling in liver cancer. Cell reports, 36(8), 109617.

Park MK, et al. (2021) NEAT1 is essential for metabolic changes that promote breast cancer growth and metastasis. Cell metabolism, 33(12), 2380.

Chung C, et al. (2020) Integrated Metabolic and Epigenomic Reprograming by H3K27M Mutations in Diffuse Intrinsic Pontine Gliomas. Cancer cell, 38(3), 334.

Yoo HC, et al. (2020) A Variant of SLC1A5 Is a Mitochondrial Glutamine Transporter for Metabolic Reprogramming in Cancer Cells. Cell metabolism, 31(2), 267.

Pavlova NN, et al. (2020) Translation in amino-acid-poor environments is limited by tRNAGln charging. eLife, 9.

Bertero T, et al. (2019) Tumor-Stroma Mechanics Coordinate Amino Acid Availability to Sustain Tumor Growth and Malignancy. Cell metabolism, 29(1), 124.

Nguyen T, et al. (2019) Uncovering the Role of N-Acetyl-Aspartyl-Glutamate as a Glutamate Reservoir in Cancer. Cell reports, 27(2), 491.

McBrayer SK, et al. (2018) Transaminase Inhibition by 2-Hydroxyglutarate Impairs Glutamate Biosynthesis and Redox Homeostasis in Glioma. Cell, 175(1), 101.

Masamha CP, et al. (2018) Molecular targeting of glutaminase sensitizes ovarian cancer cells to chemotherapy. Journal of cellular biochemistry, 119(7), 6136.

Momcilovic M, et al. (2018) The GSK3 Signaling Axis Regulates Adaptive Glutamine Metabolism in Lung Squamous Cell Carcinoma. Cancer cell, 33(5), 905.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. Cancer cell, 33(3), 450.

Daemen A, et al. (2018) Pan-Cancer Metabolic Signature Predicts Co-Dependency on Glutaminase and De Novo Glutathione Synthesis Linked to a High-Mesenchymal Cell State. Cell metabolism, 28(3), 383.