

Resource Summary Report

Generated by [dkNET](#) on Aug 9, 2026

Glucose Transporter GLUT1 antibody

RRID:AB_301844

Type: Antibody

Proper Citation

Abcam Cat# ab15309, RRID:AB_301844

Antibody Information

URL: http://antibodyregistry.org/AB_301844

Proper Citation: Abcam Cat# ab15309, RRID:AB_301844

Target Antigen: Glucose Transporter GLUT1 antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ICC/IF, IHC-Fr, IHC-P, WB; Immunohistochemistry - frozen; Immunocytochemistry; Immunohistochemistry - fixed; Western Blot; Immunofluorescence; Immunohistochemistry

Antibody Name: Glucose Transporter GLUT1 antibody

Description: This polyclonal targets Glucose Transporter GLUT1 antibody

Target Organism: rat, human

Antibody ID: AB_301844

Vendor: Abcam

Catalog Number: ab15309

Record Creation Time: 20250820T053615+0000

Record Last Update: 20250820T215912+0000

Ratings and Alerts

No rating or validation information has been found for Glucose Transporter GLUT1 antibody.

No alerts have been found for Glucose Transporter GLUT1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Zhang MS, et al. (2026) BCAT1-dependent HIF-1?? stabilization is a targetable metabolic vulnerability in hepatocellular carcinoma. Cell reports. Medicine, 7(5), 102784.

Ranjan R, et al. (2025) N-glycosylation modulates the inactivation kinetics of the Kv3.4 ion channel. iScience, 28(9), 113409.

Pathmanapan S, et al. (2023) Mutant IDH regulates glycogen metabolism from early cartilage development to malignant chondrosarcoma formation. Cell reports, 42(6), 112578.

Tramutola A, et al. (2023) GLUT-1 changes in paediatric Huntington disease brain cortex and fibroblasts: an observational case-control study. EBioMedicine, 97, 104849.

Shen J, et al. (2022) Histone chaperone FACT complex coordinates with HIF to mediate an expeditious transcription program to adapt to poorly oxygenated cancers. Cell reports, 38(5), 110304.

Cheng Y, et al. (2022) Intrinsic antiviral immunity of barrier cells revealed by an iPSC-derived blood-brain barrier cellular model. Cell reports, 39(9), 110885.

Kang SY, et al. (2021) Extracellular Vesicles Induce an Aggressive Phenotype in Luminal Breast Cancer Cells Via PKM2 Phosphorylation. Frontiers in oncology, 11, 785450.

Kondo H, et al. (2021) Single-cell resolved imaging reveals intra-tumor heterogeneity in glycolysis, transitions between metabolic states, and their regulatory mechanisms. Cell reports, 34(7), 108750.

Srivastava SP, et al. (2020) Metabolic reprogramming by N-acetyl-seryl-aspartyl-lysyl-proline protects against diabetic kidney disease. British journal of pharmacology, 177(16), 3691.

Utley A, et al. (2020) CD28 Regulates Metabolic Fitness for Long-Lived Plasma Cell Survival. Cell reports, 31(12), 107815.

Nicholas DA, et al. (2020) GLUT1-mediated glycolysis supports GnRH-induced secretion of luteinizing hormone from female gonadotropes. *Scientific reports*, 10(1), 13063.

Stangl A, et al. (2019) Regulation of the endosomal SNX27-retromer by OTULIN. *Nature communications*, 10(1), 4320.

Bakail M, et al. (2019) Design on a Rational Basis of High-Affinity Peptides Inhibiting the Histone Chaperone ASF1. *Cell chemical biology*, 26(11), 1573.

Shukla SK, et al. (2017) MUC1 and HIF-1 α Signaling Crosstalk Induces Anabolic Glucose Metabolism to Impart Gemcitabine Resistance to Pancreatic Cancer. *Cancer cell*, 32(1), 71.