

Resource Summary Report

Generated by PRECISE-TBI on Aug 10, 2026

Glucose Transporter GLUT3 antibody

RRID:AB_301846

Type: Antibody

Proper Citation

Abcam Cat# ab15311, RRID:AB_301846

Antibody Information

URL: http://antibodyregistry.org/AB_301846

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Target Antigen: Glucose Transporter GLUT3 antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA, IHC-P, WB; Immunohistochemistry - fixed; ELISA; Immunohistochemistry; Western Blot
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Glucose Transporter GLUT3 antibody

Description: This polyclonal targets Glucose Transporter GLUT3 antibody

Target Organism: rat, human

Antibody ID: AB_301846

Vendor: Abcam

Catalog Number: ab15311

Record Creation Time: 20250819T231251+0000

Record Last Update: 20250820T043848+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Glucose Transporter GLUT3 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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

Ravn-Boess N, et al. (2023) The expression profile and tumorigenic mechanisms of CD97 (ADGRE5) in glioblastoma render it a targetable vulnerability. Cell reports, 42(11), 113374.

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

Cruz E, et al. (2022) Differential role of neuronal glucose and PFKFB3 in memory formation during development. Glia, 70(11), 2207.

Appel S, et al. (2019) A Potential Role for GSK3? in Glucose-Driven Intrauterine Catch-Up Growth in Maternal Obesity. Endocrinology, 160(2), 377.

Sullivan WJ, et al. (2018) Extracellular Matrix Remodeling Regulates Glucose Metabolism through TXNIP Destabilization. Cell, 175(1), 117.