

Resource Summary Report

Generated by NIF on Jul 31, 2026

Glut4 (IF8)

RRID:AB_629533

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-53566, RRID:AB_629533

Antibody Information

URL: http://antibodyregistry.org/AB_629533

Proper Citation: Santa Cruz Biotechnology Cat# sc-53566, RRID:AB_629533

Target Antigen: SLC2A4

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P)

Antibody Name: Glut4 (IF8)

Description: This monoclonal targets SLC2A4

Target Organism: rat, mouse, human

Clone ID: IF8

Antibody ID: AB_629533

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-53566

Record Creation Time: 20250820T055643+0000

Record Last Update: 20250820T225304+0000

Ratings and Alerts

No rating or validation information has been found for Glut4 (IF8).

No alerts have been found for Glut4 (IF8).

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 [NIF](#) .

Conte E, et al. (2025) SGLT2 inhibitor dapagliflozin mitigates skeletal muscle pathology by modulating key proteins involved in glucose and ion homeostasis in an animal model of heart failure. *European journal of pharmacology*, 997, 177617.

Alex NS, et al. (2023) Pregnancy-associated Steroid Effects on Insulin Sensitivity, Adipogenesis, and Lipogenesis: Role of Wnt/??-Catenin Pathway. *Journal of the Endocrine Society*, 7(8), bvad076.

Rogacka D, et al. (2023) Inhibition of phosphodiesterase 5A by tadalafil improves SIRT1 expression and activity in insulin-resistant podocytes. *Cellular signalling*, 105, 110622.

Jaillard C, et al. (2021) The metabolic signaling of the nucleoredoxin-like 2 gene supports brain function. *Redox biology*, 48, 102198.

Fujimoto BA, et al. (2019) The exocyst complex regulates insulin-stimulated glucose uptake of skeletal muscle cells. *American journal of physiology. Endocrinology and metabolism*, 317(6), E957.

Li L, et al. (2019) Myocardial Adipose Triglyceride Lipase Overexpression Protects against Burn-Induced Cardiac Lipid Accumulation and Injury. *Oxidative medicine and cellular longevity*, 2019, 6428924.