

GLUT3/SLC2A3 Monoclonal Antibody

CAB4137

Description

This GLUT3/SLC2A3 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB4137

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: GLUT3, GLUT3/SLC2A3

Clone: ARC0917

Applications:   

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 6515

Uniprot: AB_2863194

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 48-60kDa

Calculated MW: 54kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

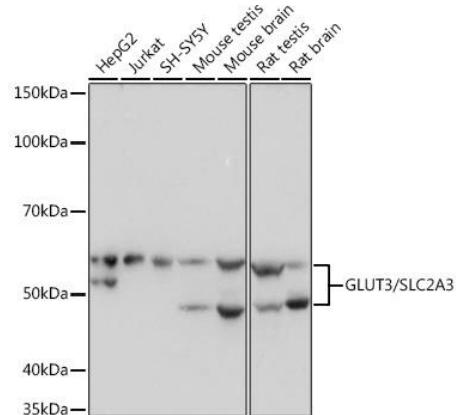
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HepG2, Jurkat, SH-SY5Y, Mouse testis, Mouse brain, Rat testis, Rat brain

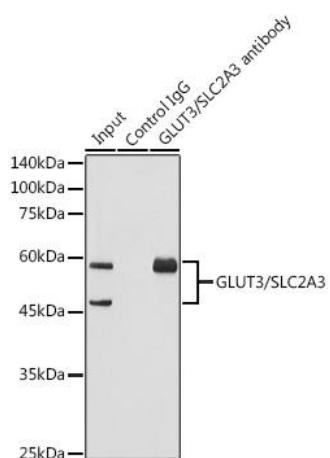
Recommended Dilutions:	WB	1:1000 - 1:4000
	IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using GLUT3/SLC2A3 Rabbit mAb (CAB4137) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunoprecipitation analysis of 600 µg extracts of Mouse brain using 3 µg GLUT3/SLC2A3 antibody (CAB4137). Western blot was performed from the immunoprecipitate using GLUT3/SLC2A3 antibody (CAB4137) at a dilution of 1:1000.