A8150SP

Leader in Biomolecular Solutions for Life Science

www.abclonal.com

GLUT3/SLC2A3 Rabbit pAb

Catalog No.: A8150SP 4 Publications

Basic Information

Observed MW
50-70 kDa

Calculated MW
54 kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human

Background

Enables dehydroascorbic acid transmembrane transporter activity; glucose binding activity; and glucose transmembrane transporter activity. Involved in glucose import across plasma membrane and transport across blood-brain barrier. Is integral component of plasma membrane. Biomarker of Alzheimer's disease; acanthosis nigricans; diabetes mellitus; and type 2 diabetes mellitus.

Recommended Dilutions

WB	1:5000 - 1:10000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
6515

Swiss Prot
P11169

Immunogen
This information is considered to be commercially sensitive.

Synonyms
GLUT3; GLUT3/SLC2A3

Contact

www.abclonal.com

Product Information

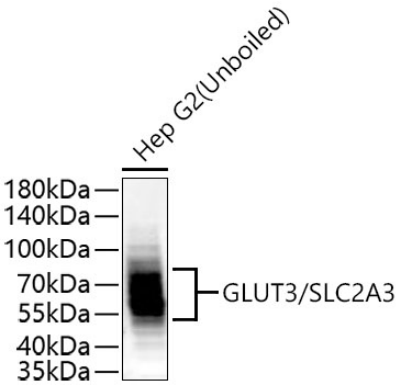
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



Western blot analysis of lysates from Hep G2 cells using GLUT3/SLC2A3 Rabbit pAb (A8150SP) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20 s.