

# GLUT3/SLC2A3 Rabbit pAb

Catalog No.: A8150 **3 Publications**

## Basic Information

### Observed MW

48-60kDa

### Calculated MW

54kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## 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** 1:100 - 1:500

**IHC-P** 1:50 - 1:200

## Immunogen Information

### Gene ID

6515

### Swiss Prot

P11169

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 207-281 of human GLUT3/SLC2A3 (NP\_008862.1).

### Synonyms

GLUT3; GLUT3/SLC2A3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

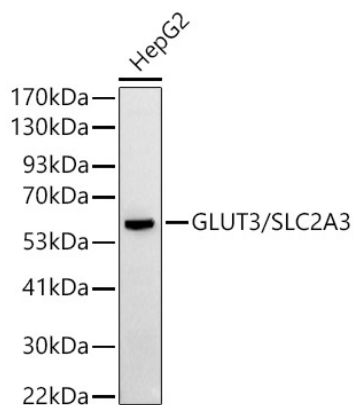
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from HepG2 cells, using GLUT3/SLC2A3 Rabbit pAb (A8150) at 1:500 dilution.

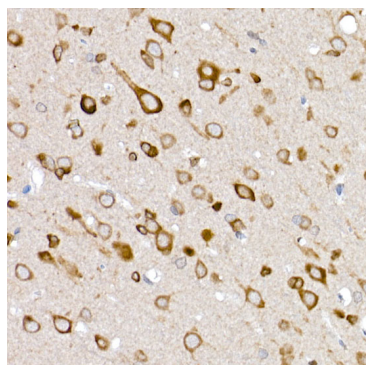
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

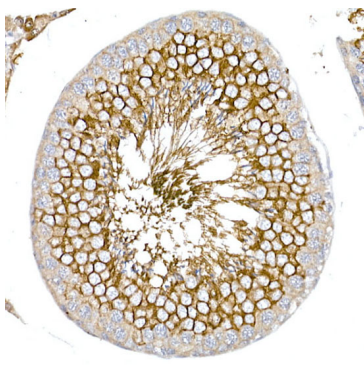
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunohistochemistry analysis of GLUT3/SLC2A3 in paraffin-embedded rat brain using GLUT3/SLC2A3 Rabbit pAb (A8150) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of GLUT3/SLC2A3 in paraffin-embedded rat testis using GLUT3/SLC2A3 Rabbit pAb (A8150) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.