

# GLUT1/SLC2A1 Rabbit pAb

Catalog No.: A11208 **3 Publications**

## Basic Information

### Observed MW

50kDa

### Calculated MW

54kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

This gene encodes a major glucose transporter in the mammalian blood-brain barrier. The encoded protein is found primarily in the cell membrane and on the cell surface, where it can also function as a receptor for human T-cell leukemia virus (HTLV) I and II. Mutations in this gene have been found in a family with paroxysmal exertion-induced dyskinesia.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

6513

### Swiss Prot

P11166

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-400 of human GLUT1/SLC2A1 (NP\_006507.2).

### Synonyms

CSE; PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLV; GLUT-1; SDCHCN; GLUT1DS; GLUT1/SLC2A1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

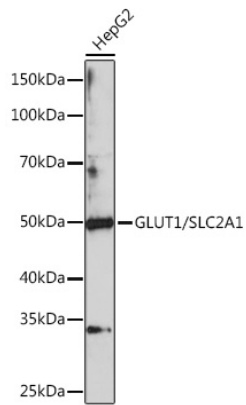
### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of lysates from HepG2 cells, using GLUT1/SLC2A1 Rabbit pAb (A11208) at 1:1000 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: 3min.