GLUT1/SLC2A1 Rabbit mAb

Catalog No.: A11727 Recombinant 10 Publications



Basic Information

Observed MW

Refer to figures

Calculated MW

54kDa

Category

Primary antibody

Applications

IF-P,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0304

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

IF-P 1:200 - 1:2000

IHC-P 1:400 - 1:4000

ELISA Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene IDSwiss Prot
6513
P11166

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Contact

6	400-999-6126
\bowtie	cn.market@abclonal.com.cn
•	www.abclonal.com.cn

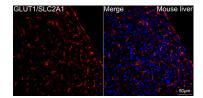
Product Information

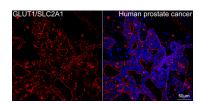
SourceIsotypePurificationRabbitIgGAffinity purification

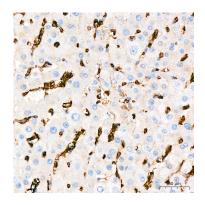
Storage

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.



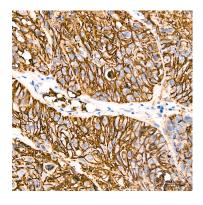




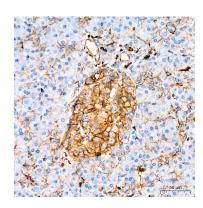
Confocal imaging of paraffin-embedded Mouse liver tissue using GLUT1/SLC2A1 Rabbit mAb (A11727, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

Confocal imaging of paraffin-embedded Human prostate cancer tissue using GLUT1/SLC2A1 Rabbit mAb (A11727, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

Immunohistochemistry analysis of paraffinembedded Human liver tissue using GLUT1/SLC2A1 Rabbit mAb (A11727) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human lung squamous carcinoma tissue using GLUT1/SLC2A1 Rabbit mAb (A11727) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human pancreas tissue using GLUT1/SLC2A1 Rabbit mAb (A11727) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human placenta tissue using GLUT1/SLC2A1 Rabbit mAb (A11727) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.