

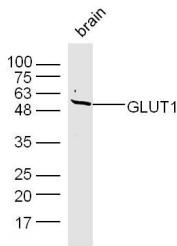
## Anti-SLC2A1 Polyclonal Antibody 3

### Product Details

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Ig Type:          | IgG                                                                    |
| Reactivity:       | Mouse (predicted:Human,Rat,Chicken,Dog,Pig,Cow,Rabbit,Sheep,GuineaPig) |
| Molecular Weight: | Theoretical: 54 kDa. Actual: 54 kDa.                                   |
| Purification:     | Protein A purified                                                     |

### Applications

|                    |                                                                                                                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Verified Activity: | Sample: Brain (Mouse) Lysate at 40 µg<br>Primary: Anti-GLUT1 (TMAB-01711) at 1/300 dilution<br>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br>Predicted band size: 54 kDa<br>Observed band size: 54 kDa |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



|              |                |
|--------------|----------------|
| Application: | WB             |
| Recommended  | WB: 1:500-2000 |

### Properties

|                      |                                                                           |
|----------------------|---------------------------------------------------------------------------|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.                                                   |

### Antigen Details

|                  |                                                                                                                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:       | KLH conjugated synthetic peptide: human GLUT1                                                                                                                                                            |
| Antigen Species: | Human                                                                                                                                                                                                    |
| Gene ID:         | 6513                                                                                                                                                                                                     |
| Uniprot ID:      | P11166                                                                                                                                                                                                   |
| Synonyms:        | HepG2 glucose transporter;facilitated glucose transporter member 1;Solute carrier family 2, facilitated glucose transporter member 1;SLC2A1;Glucose transporter type 1, erythrocyte/brain (GLUT-1);GLUT1 |
| Biology Area:    | Metabolism of carbohydrates,Diabetes associated,Carbohydrate metabolism,Cancer,Diabetes, Heart disease,glucose transporter glut1,Channels                                                                |

### Research Background

This gene encodes a major glucose transporter in the mammalian blood-brain barrier. Mutations in this gene have been found in a family with paroxysmal exertion-induced dyskinesia. [provided by RefSeq, Jul 2008].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481