

## Rabbit SLC2A1 Polyclonal Antibody | anti-SLC2A1 antibody

SLC2A1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA242862 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

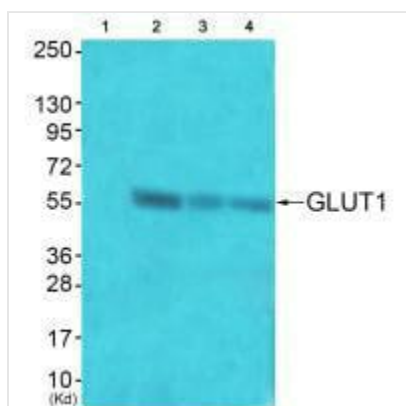
### PRODUCT SYNONYMS

SLC2A1; Polyclonal Antibody; SLC2A1 Antibody; ERYTHROCYTE/HEPATOMA GLUCOSE TransPORTER; GLUCOSE TransPORTER 1; anti-SLC2A1 antibody

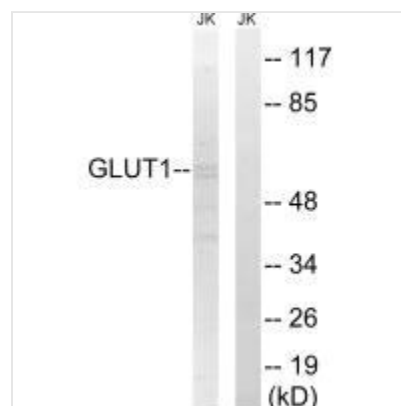
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                            |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                     |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                          |
| Clonality                                        | Polyclonal                                                                                                                                                 |
| Isotype                                          | IgG                                                                                                                                                        |
| Purity/Purification                              | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                       |
| Form/Format                                      | Liquid; Rabbit IgG In Phosphate Buffered Saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol. |
| Applicable Applications for anti-SLC2A1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                       |
| Immunogen                                        | Synthesized peptide derived from human GLUT1.                                                                                                              |
| Immunogen Species                                | Human                                                                                                                                                      |
| Conjugate                                        | Non-conjugated                                                                                                                                             |
| Preparation and Storage                          | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                |

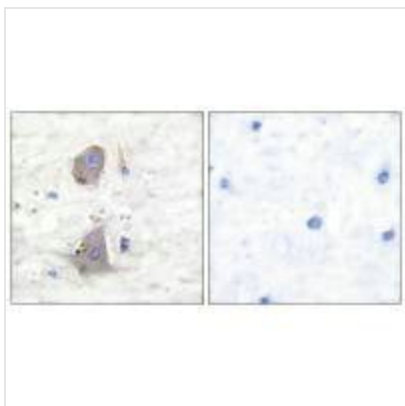
### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts from JK cells (Lane 2), COS7 cells (Lane 3) and HuvEc cells (Lane 4), using GLUT1 antibody. The lane on the left is treated with synthesized peptide.


**WB (Western Blot)**

Western blot analysis of extracts from Jurkat cells, using GLUT1 antibody.



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human brain tissue using GLUT1 antibody.

### ADDITIONAL INFORMATION

|                                                    |                     |
|----------------------------------------------------|---------------------|
| Product Categories/Family for anti-SLC2A1 antibody | Signal Transduction |
|----------------------------------------------------|---------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 166795299                                                                                                                                                                                            |
| NCBI GeneID                      | 6513                                                                                                                                                                                                 |
| NCBI Accession #                 | NP_006507.2                                                                                                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_006516.2                                                                                                                                                                                          |
| UniProt Accession #              | P11166; O75535; Q147X2; A8K9S6; B2R620; D3DPX0                                                                                                                                                       |
| Molecular Weight                 | 54,084 Da                                                                                                                                                                                            |
| NCBI Official Full Name          | solute carrier family 2, facilitated glucose transporter member 1                                                                                                                                    |
| NCBI Official Synonym Full Names | solute carrier family 2 (facilitated glucose transporter), member 1                                                                                                                                  |
| NCBI Official Symbol             | SLC2A1                                                                                                                                                                                               |
| NCBI Official Synonym Symbols    | PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLVR; GLUT1DS                                                                                                                                          |
| NCBI Protein Information         | solute carrier family 2, facilitated glucose transporter member 1; GLUT-1; hepG2 glucose transporter; glucose transporter type 1, erythrocyte/brain; human T-cell leukemia virus (I and II) receptor |
| UniProt Protein Name             | Solute carrier family 2, facilitated glucose transporter member 1                                                                                                                                    |
| UniProt Gene Name                | <b>SLC2A1</b>                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | GLUT1; GLUT-1                                                                                                                                                                                        |
| UniProt Entry Name               | GTR1_HUMAN                                                                                                                                                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.