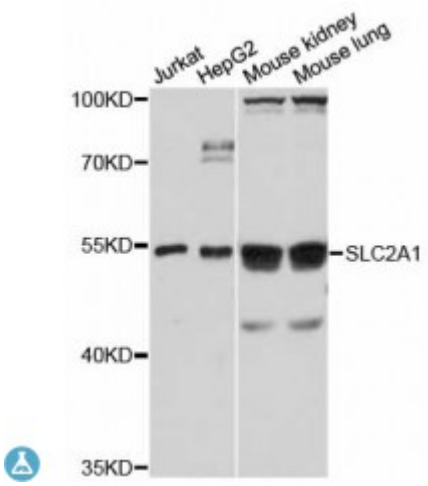
# Anti-SLC2A1 Antibody

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| **Description** | 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. |

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| **Model** | STJ113733 |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Applications** | WB |
| **Immunogen** | A synthetic peptide corresponding to a sequence within amino acids 400 to the C-terminus of human SLC2A1 (NP_006507.2). |
| **Gene ID** | 6513 |
| **Gene Symbol** | SLC2A1 |
| **Dilution range** | WB 1:500 - 1:2000 |
| **Tissue Specificity** | Detected in erythrocytes (at protein level), Expressed at variable levels in many human tissues |
| **Purification** | Affinity purification |
| **Note** | For Research Use Only (RUO). |
| **Protein Name** | Solute carrier family 2 facilitated glucose transporter member 1 Glucose transporter type 1 erythrocyte/brain GLUT-1 HepG2 glucose transporter |
| **Molecular Weight** | 54.084 kDa |

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| **Clonality** | Polyclonal |
| **Conjugation** | Unconjugated |
| **Isotype** | IgG |
| **Formulation** | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| **Storage Instruction** | Store at -20C. Avoid freeze / thaw cycles. |
| **Database Links** | HGNC:11005OMIM:138140Reactome:R-HSA-189200 |
| **Alternative Names** | Solute carrier family 2 facilitated glucose transporter member 1 Glucose transporter type 1 erythrocyte/brain GLUT-1 HepG2 glucose transporter |
| **Function** | Facilitative glucose transporter, This isoform may be responsible for constitutive or basal glucose uptake, Has a very broad substrate specificity |
| **Cellular Localization** | Cell membrane |

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