



Rabbit polyclonal antibody to human Glucose transporter 1 (43-56): Affinity purified

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| Catalogue No.: | R-1010-100 |
| Description: | THIS PRODUCT IS TEMPORARILY OUT OF STOCK. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Glucose transporter 1 (GLUT1) is a multi-pass membrane protein. It is a member of the family of glucose transporters that facilitate glucose uptake by cells. GLUT1 is a major transporter at the mammalian blood-brain barrier. |
| Batch No.: | See product label |
| Unit size: | 100 ug |
| Antigen: | A synthetic peptide (FYNQTTWVHRYGESI) corresponding to a region (43-56) from the N-terminus of human Glucose transporter 1 (GLUT1). |
| Other Names: | SLC2A1; GLUT-1; |
| Accession: | P11166 GTR1_HUMAN |
| Produced in: | Rabbit |
| Purity: | Affinity purified on antigen column |
| Applications: | Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human GLUT1 has a predicted length of 492 residues and MW of 55 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect GLUT1 in formalin fixed and paraffin embedded tissues. Antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| Specificity: | The specificity of this antibody has been confirmed by WB and IHC against the antigen. |
| Cross-reactivity: | Human; mouse; rat; |
| Form: | Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ |
| Reconstitution: | Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 ug/ul. Centrifuge to remove any insoluble material. |
| Storage: | At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles |
| Expiry Date: | 12 months after purchase |

FOR RESEARCH USE ONLY