

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

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