

Product datasheet for **TA312796**

Glucose Transporter GLUT1 (SLC2A1) Rabbit Polyclonal Antibody

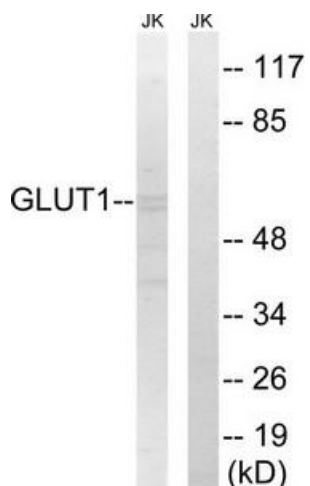
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:40000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized peptide derived from human GLUT1.
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	solute carrier family 2 member 1
Database Link:	NP_006507 Entrez Gene 20525 Mouse Entrez Gene 24778 Rat Entrez Gene 6513 Human P11166
Synonyms:	CSE; DYT9; DYT17; DYT18; EIG12; GLUT; GLUT-1; GLUT1; GLUT1DS; HTLVR; PED; SDCHCN
Note:	GLUT1 antibody detects endogenous levels of total GLUT1 protein.
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Adipocytokine signaling pathway, Pathways in cancer, Renal cell carcinoma

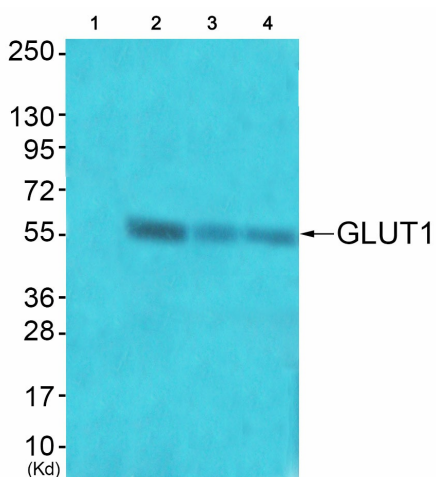


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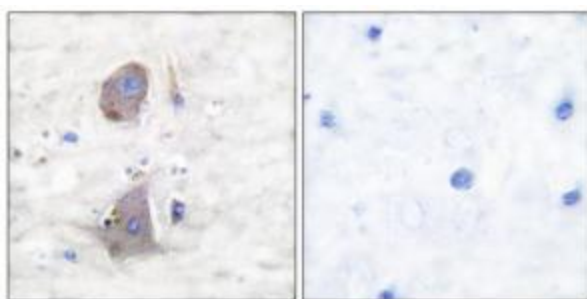
Product images:



Western blot analysis of extracts from Jurkat cells, using GLUT1 antibody. The lane on the right is treated with the synthesized peptide.



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.



Immunohistochemical analysis of paraffin-embedded human brain tissue using GLUT1 antibody (#TA312796). The picture on the right is treated with the synthesized peptide.