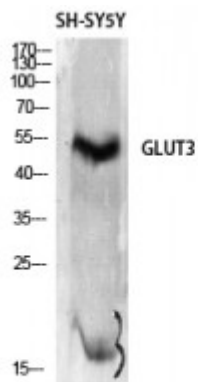


Anti-Glut3 antibody



Description	Rabbit polyclonal to Glut3.
Model	STJ93294
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Glut3
Immunogen Region	420-500 aa, C-terminal
Gene ID	6515
Gene Symbol	SLC2A3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	Glut3 Polyclonal Antibody detects endogenous levels of Glut3 protein.
Tissue Specificity	Highly expressed in brain. Expressed in many tissues.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Solute carrier family 2, facilitated glucose transporter member 3 Glucose transporter type 3, brain GLUT-3
Molecular Weight	55 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11007OMIM:138170
Alternative Names	Solute carrier family 2, facilitated glucose transporter member 3 Glucose transporter type 3, brain GLUT-3
Function	Facilitative glucose transporter that can also mediate the uptake of various other monosaccharides across the cell membrane . Mediates the uptake of glucose, 2-deoxyglucose, galactose, mannose, xylose and fucose, and probably also dehydroascorbate . Does not mediate fructose transport .
Sequence and Domain Family	Transport is mediated via a series of conformation changes, switching between a conformation where the substrate-binding cavity is accessible from the outside, and a another conformation where it is accessible from the cytoplasm.
Cellular Localization	Cell membrane

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