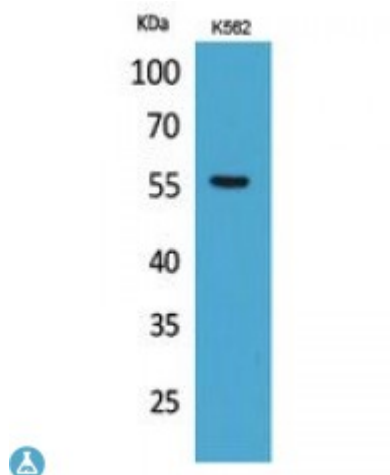


Anti-Glut5 antibody



Description	Rabbit polyclonal to Glut5.
Model	STJ96753
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human Glut5.
Immunogen Region	21-70 aa, N-terminal
Gene ID	6518
Gene Symbol	SLC2A5
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	Glut5 Polyclonal Antibody detects endogenous levels of Glut5 protein.
Tissue Specificity	Detected in skeletal muscle, and in jejunum brush border membrane and basolateral membrane (at protein level) . Expressed in small intestine, and at much lower levels in kidney, skeletal muscle, and adipose tissue.
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 5 Fructose transporter Glucose transporter type 5, small intestine GLUT-5
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:110100MIM:138230
Alternative Names	Solute carrier family 2, facilitated glucose transporter member 5 Fructose transporter Glucose transporter type 5, small intestine GLUT-5
Function	Functions as a fructose transporter that has only low activity with other monosaccharides . Can mediate the uptake of 2-deoxyglucose, but with low efficiency . Essential for fructose uptake in the small intestine. Plays a role in the regulation of salt uptake and blood pressure in response to dietary fructose. Required for the development of high blood pressure in response to high dietary fructose intake .
Cellular Localization	Apical cell membrane Cell membrane Cell membrane, sarcolemma. Localized on the apical membrane of jejunum villi, but also on lateral plasma membranes of the villi. Transport to the cell membrane is dependent on RAB11A.