

Anti-SLC2A5 Antibody

**Description**

The protein encoded by this gene is a fructose transporter responsible for fructose uptake by the small intestine. The encoded protein also is necessary for the increase in blood pressure due to high dietary fructose consumption.

Model	STJ116422
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SLC2A5 (NP_003030.1).
Gene ID	6518
Gene Symbol	SLC2A5
Dilution range	WB 1:200 - 1:2000
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	Affinity purification
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	54.974 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11010 OMIM:138230 Reactome:R-HSA-6798695
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 ,
Cellular Localization	Apical cell membrane

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com