GLUT5 Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	Glut5, Polyclonal Antibody
Full Product Name	Glut5 Polyclonal Antibody
Product Gene Name	anti-Glut5 antibody
Clonality	Polyclonal
Molecular Weight	26,519 Da
OMIM	138230
3D Structure	ModBase 3D Structure for P22732
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-Glut5 antibody	MBS8526369 is an antibody targeting Glut5. Also known as Glut5 Polyclonal Antibody.
Other Notes	Small volumes of anti-Glut5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Glut5. It may not necessarily be applicable to this product.

NCBI GI #	207447703
NCBI GeneID	6518
NCBI Accession #	NP_001129057.1
UniProt Primary Accession #	P22732
UniProt Secondary Accession #	Q14770; Q5T977; Q8IVB3
UniProt Related Accession #	P22732
GenBank Nucleotide #	NM_001135585.1
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 5 isoform 2
NCBI Official Synonym Full Names	solute carrier family 2 member 5
NCBI Official Symbol	SLC2A5
NCBI Official Synonym Symbols	GLUT5; GLUT-5
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 5
UniProt Synonym Protein Names	Fructose transporter; Glucose transporter type 5, small intestine; GLUT-5
UniProt Gene Name	SLC2A5
UniProt Synonym Gene Names	GLUT5; GLUT-5
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 5

NCBI Summary for Glut5	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. [provided by RefSeq, Jun 2016]
UniProt Comments for Glut5	Functions as a fructose transporter that has only low activity with other monosaccharides (PubMed:8333543). Can mediate the uptake of 2-deoxyglucose, but with low efficiency (PubMed:1695905). 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 ().
Research Articles on Glut5	**1.** SLC2A5-inhibits the human normal adjacent lung adenocarcinoma cytoplasmic pro-B cell development mechanism network.
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