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SLC2A8 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12355

Product Information

Application	WB
Primary Accession	Q9NY64
Other Accession	NM_014580, NP_055395
Reactivity	Human, Rabbit
Predicted	Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50819

Additional Information

Gene ID	29988
Alias Symbol	GLUT8, GLUTX1
Other Names	Solute carrier family 2, facilitated glucose transporter member 8, Glucose transporter type 8, GLUT-8, Glucose transporter type X1, SLC2A8, GLUT8, GLUTX1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SLC2A8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SLC2A8 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

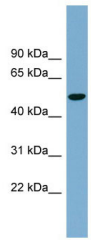
Protein Information

Name	SLC2A8 (HGNC:13812)
Function	Insulin-regulated facilitative hexose transporter that mediates the transport of glucose and fructose (By similarity). Facilitates hepatic influx of dietary trehalose, which in turn inhibits glucose and fructose influx triggering a starvation signal and hepatic autophagy through activation of AMPK and ULK1 (PubMed:27922102). Also able to mediate the transport of dehydroascorbate.
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q9JJZ1}; Multi-pass membrane protein. Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:Q9JJZ1}; Multi-pass membrane protein. Note=Principally intracellular. May move

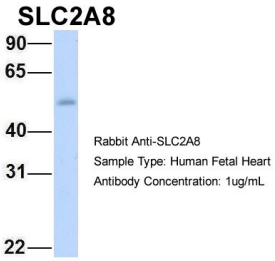
between intracellular vesicles and the plasma membrane. The dileucine internalization motif is critical for intracellular sequestration {ECO:0000250|UniProtKB:Q9JJZ1}

Tissue Location Highly expressed in testis, but not in testicular carcinoma. Lower amounts present in most other tissues

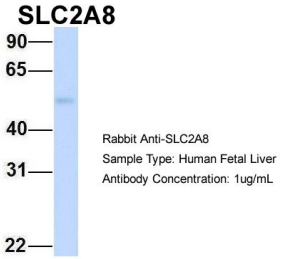
Images



WB Suggested Anti-SLC2A8 Antibody Titration: 0.2-1 µg/ml
Positive Control: NCI-H226 cell lysate



Host:Rabbit
Target Name:SLC2A8
Sample Tissue:Human Fetal Heart
Antibody Dilution: 1.0µg/ml



Host:Rabbit
Target Name:SLC2A8
Sample Tissue:Human Fetal Liver
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.