

Anti-SLC2A8 Reference Antibody (VB1-050)
Recombinant Antibody
Catalog # APR10293

Specification

Anti-SLC2A8 Reference Antibody (VB1-050) - Product Information

Application	FC, E, FTA
Primary Accession	O9NY64
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150 KDa

Anti-SLC2A8 Reference Antibody (VB1-050) - Additional Information

Target/Specificity
SLC2A8

Endotoxin
< 0.001EU/ µg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-SLC2A8 Reference Antibody (VB1-050) - 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

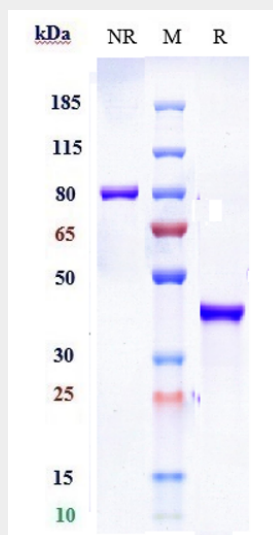
Highly expressed in testis, but not in testicular carcinoma. Lower amounts present in most other tissues

Anti-SLC2A8 Reference Antibody (VB1-050) - Protocols

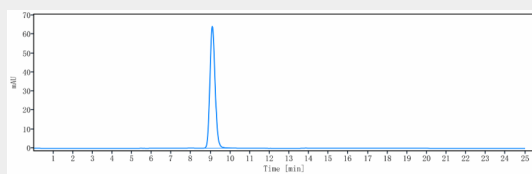
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SLC2A8 Reference Antibody (VB1-050) - Images



Anti-SLC2A8 Reference Antibody (VB1-050) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-SLC2A8 Reference Antibody (VB1-050) is more than 95%, determined by SEC-HPLC.