10320 Camino Santa Fe, Suite G
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GTR14 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP5149a

Specification

GTR14 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8TDB8

GTR14 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 144195

Other Names
Solute carrier family 2, facilitated glucose transporter member 14, Glucose transporter type 14, GLUT-14, SLC2A14, GLUT14, GLUT3

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GTR14 Antibody (N-term) Blocking Peptide - Protein Information

Name SLC2A14 {ECO:0000303|PubMed:27460888, ECO:0000312|HGNC:HGNC:18301}

Function
Hexose transporter that can mediate the transport of glucose and dehydroascorbate across the cell membrane.

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Mainly expressed in testis (PubMed:12504846, PubMed:27460888). Also expressed in small intestine, liver and kidney (PubMed:27460888).

GTR14 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

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GTR14 Antibody (N-term) Blocking Peptide - Images

GTR14 Antibody (N-term) Blocking Peptide - Background

Members of the glucose transporter (GLUT) family, including SLC2A14, are highly conserved integral membrane proteins that transport hexoses such as glucose and fructose into all mammalian cells. GLUTs show tissue and cell-type specific expression.

GTR14 Antibody (N-term) Blocking Peptide - References

Wu, X., et al. Genomics 80(6):553-557(2002)Joost, H.G., et al. Am. J. Physiol. Endocrinol. Metab. 282 (4), E974-E976 (2002)