

SLC16A8 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11651b**Specification**

SLC16A8 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [O95907](#)**SLC16A8 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 23539**Other Names**

Monocarboxylate transporter 3, MCT 3, Solute carrier family 16 member 8, SLC16A8, MCT3

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.

SLC16A8 Antibody (C-term) Blocking peptide - Protein Information**Name** SLC16A8 ([HGNC:16270](#))**Synonyms** MCT3**Function**

Probable retinal pigment epithelium (RPE)-specific proton- coupled L-lactate transporter (By similarity). May facilitate transport of lactate and H(+) out of the retina and could therefore play a role in pH and ion homeostasis of the outer retina (By similarity).

Cellular Location

Basolateral cell membrane; Multi-pass membrane protein. Note=Basolateral sorting signals (BLSS) in C-terminal cytoplasmic tail ensure its basolateral expression (PubMed:21199217) Colocalizes with BSG in basolateral cell membrane of the retinal pigment epithelium (By similarity). {ECO:0000250|UniProtKB:O35308, ECO:0000269|PubMed:21199217}

Tissue Location

Retinal pigment epithelium.

SLC16A8 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SLC16A8 Antibody (C-term) Blocking peptide - Images

SLC16A8 Antibody (C-term) Blocking peptide - Background

SLC16A8 is a member of a family of proton-coupled monocarboxylate transporters that mediate lactate transport across cell membranes (Yoon et al., 1999 [PubMed 10493836]). [supplied by OMIM].

SLC16A8 Antibody (C-term) Blocking peptide - References

Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :Wilson, M.C., et al. J. Biol. Chem. 280(29):27213-27221(2005) Halestrap, A.P., et al. Pflugers Arch. 447(5):619-628(2004) Philp, N.J., et al. Invest. Ophthalmol. Vis. Sci. 44(4):1716-1721(2003) Dunham, I., et al. Nature 402(6761):489-495(1999)