

SLC16A10 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13235b**Specification****SLC16A10 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q8TF71](#)**SLC16A10 Antibody (C-term) Blocking peptide - Additional Information**

Gene ID 117247

Other Names

Monocarboxylate transporter 10, MCT 10, Aromatic amino acid transporter 1, Solute carrier family 16 member 10, T-type amino acid transporter 1, SLC16A10, MCT10, TAT1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13235b was selected from the C-term region of SLC16A10. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SLC16A10 Antibody (C-term) Blocking peptide - Protein Information

Name SLC16A10

SLC16A10 Antibody (C-term) Blocking peptide - Background

SLC16A10 is a member of a family of plasma membrane aminoacid transporters that mediate the Na(+)-independent transport of aromatic amino acids across the plasma membrane.

SLC16A10 Antibody (C-term) Blocking peptide - References

Loubiere, L.S., et al. Placenta 31(4):295-304(2010)Friesema, E.C., et al. Mol. Endocrinol. 22(6):1357-1369(2008)Broer, S. Physiol. Rev. 88(1):249-286(2008)Park, S.Y., et al. Arch. Pharm. Res. 28(4):421-432(2005)Halestrap, A.P., et al. Pflugers Arch. 447(5):619-628(2004)

Synonyms MCT10, TAT1

Function

Sodium-independent transporter that mediates the uptake of aromatic acids. Can function as a net efflux pathway for aromatic amino acids in the basolateral epithelial cells (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Basolateral cell membrane

Tissue Location

Strongly expressed in kidney and skeletal muscle and at lower level in placenta and heart

SLC16A10 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)