

**SLC16A6 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11941c****Specification**

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**SLC16A6 Antibody (Center) Blocking peptide - Product Information**Primary Accession [O15403](#)**SLC16A6 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 9120**Other Names**

Monocarboxylate transporter 7, MCT 7, Monocarboxylate transporter 6, MCT 6, Solute carrier family 16 member 6, SLC16A6, MCT6, MCT7

**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.

**SLC16A6 Antibody (Center) Blocking peptide - Protein Information****Name** SLC16A6 {ECO:0000250|UniProtKB:Q7TMR7, ECO:0000312|HGNC:HGNC:10927}**Function**

Monocarboxylate transporter selective for taurine. May associate with BSG/CD147 or EMB/GP70 ancillary proteins to mediate facilitative efflux or influx of taurine across the plasma membrane. The transport is pH- and sodium-independent. Rather low-affinity, is likely effective for taurine transport in tissues where taurine is present at high concentrations.

**Cellular Location**

Basolateral cell membrane {ECO:0000250|UniProtKB:Q7TMR7}; Multi-pass membrane protein

**SLC16A6 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**SLC16A6 Antibody (Center) Blocking peptide - Images**

**SLC16A6 Antibody (Center) Blocking peptide - Background**

SLC16A6 is a proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate (By similarity).

**SLC16A6 Antibody (Center) Blocking peptide - References**

Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Murakami, Y., et al. Drug Metab. Dispos. 33(12):1845-1851(2005)Halestrap, A.P., et al. Pflugers Arch. 447(5):619-628(2004)Halestrap, A.P., et al. Biochem. J. 343 PT 2, 281-299 (1999) :