

SLC17A4 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18303a**Specification**

SLC17A4 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y2C5](#)**SLC17A4 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10050**Other Names**

Probable small intestine urate exporter, Solute carrier family 17 member 4, SLC17A4

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.

SLC17A4 Antibody (N-term) Blocking Peptide - Protein Information**Name** SLC17A4**Function**

Acts as a membrane potential-dependent organic anion transporter, the transport requires a low concentration of chloride ions (PubMed:22460716). Mediates chloride-dependent transport of urate (PubMed:22460716). Mediates sodium-independent high affinity transport of thyroid hormones including L-thyroxine (T4) and 3,3',5-triiodo-L- thyronine (T3) (PubMed:30367059, PubMed:34937426). Can actively transport inorganic phosphate into cells via Na(+) cotransport (PubMed:22460716).

Cellular Location

Apical cell membrane; Multi-pass membrane protein. Note=Apical in the intestinal brush border

Tissue Location

Abundantly expressed in pancreas, liver, colon and small intestine, less in kidney. Not detected in the adrenal glands, brain, placenta, heart, testis, skeletal muscle, and lungs

SLC17A4 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC17A4 Antibody (N-term) Blocking Peptide - Images**SLC17A4 Antibody (N-term) Blocking Peptide - Background**

SLC17A4 may be involved in actively transporting phosphate into cells via Na(+) cotransport (By similarity).

SLC17A4 Antibody (N-term) Blocking Peptide - References

Elmariah, S., et al. Am. J. Physiol., Cell Physiol. 285 (2), C446-C456 (2003) :Shibui, A., et al. J. Hum. Genet. 44(3):190-192(1999)