

SLC6A6 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12386c**Specification**

SLC6A6 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P31641](#)**SLC6A6 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 6533**Other Names**

Sodium- and chloride-dependent taurine transporter, Solute carrier family 6 member 6, SLC6A6

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.

SLC6A6 Antibody (Center) Blocking peptide - Protein Information**Name** SLC6A6**Function**

Mediates sodium- and chloride-dependent transport of taurine (PubMed:8382624, PubMed:8010975, PubMed:8654117, PubMed:31345061, PubMed:31903486). Mediates transport of beta-alanine (PubMed:8010975). Can also mediate transport of hypotaurine and gamma-aminobutyric acid (GABA) (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed abundantly in placenta and skeletal muscle, at intermediate levels in heart, brain, lung, kidney and pancreas and at low levels in liver.

SLC6A6 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SLC6A6 Antibody (Center) Blocking peptide - Images

SLC6A6 Antibody (Center) Blocking peptide - Background

SLC6A6 is required for the uptake of taurine. Transports both taurine and beta-alanine which requires sodium ions. Chloride ions are necessary for optimal uptake.

SLC6A6 Antibody (Center) Blocking peptide - References

Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009)Askwith, T., et al. Am. J. Physiol. Endocrinol. Metab. 297 (3), E620-E628 (2009) :Han, X., et al. J. Am. Soc. Nephrol. 20(6):1323-1332(2009)Anderson, C.M., et al. J. Physiol. (Lond.) 587 (PT 4), 731-744 (2009) :