

Mouse Slc10a2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18603a**Specification**

Mouse Slc10a2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P70172](#)**Mouse Slc10a2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 20494**Other Names**

Ileal sodium/bile acid cotransporter, Apical sodium-dependent bile acid transporter, ASBT, Ileal Na(+)/bile acid cotransporter, Ileal sodium-dependent bile acid transporter, IBAT, ISBT, Na(+)-dependent ileal bile acid transporter, Sodium/taurocholate cotransporting polypeptide, ileal, Solute carrier family 10 member 2, Slc10a2, Ntcp2

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.

Mouse Slc10a2 Antibody (N-term) Blocking Peptide - Protein Information**Name** Slc10a2**Synonyms** Ntcp2**Function**

Plays a critical role in the sodium-dependent reabsorption of bile acids from the lumen of the small intestine (PubMed:10101301). Transports various bile acids, unconjugated or conjugated, such as cholate and taurocholate (PubMed:10101301). Also responsible for bile acid transport in the renal proximal tubules, a salvage mechanism that helps conserve bile acids. Works collaboratively with the Na(+)- taurocholate cotransporting polypeptide (NTCP), the organic solute transporter (OST), and the bile salt export pump (BSEP), to ensure efficacious biological recycling of bile acids during enterohepatic circulation (By similarity).

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

Expressed in ileum..

Mouse Slc10a2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Slc10a2 Antibody (N-term) Blocking Peptide - Images**Mouse Slc10a2 Antibody (N-term) Blocking Peptide - Background**

Slc10a2 plays a critical role in the sodium-dependent reabsorption of bile acids from the lumen of the small intestine. Plays a key role in cholesterol metabolism (By similarity).

Mouse Slc10a2 Antibody (N-term) Blocking Peptide - References

Halpern, M.D., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 299 (3), G623-G631 (2010) :Festing, M.H., et al. Genesis 47(12):858-863(2009)Cheng, X., et al. Drug Metab. Dispos. 37(11):2178-2185(2009)Sarwar, Z., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 297 (3), G532-G538 (2009) :Saeki, T., et al. Biosci. Biotechnol. Biochem. 73(7):1535-1540(2009)