

SLC44A2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP19196a**Specification**

SLC44A2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q8IWA5](#)**SLC44A2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 57153**Other Names**

Choline transporter-like protein 2, Solute carrier family 44 member 2, SLC44A2, CTL2

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.

SLC44A2 Antibody (N-term) Blocking Peptide - Protein Information**Name** SLC44A2 ([HGNC:17292](#))**Synonyms** CTL2**Function**

[Isoform 1]: Choline/H⁺ antiporter, mainly in mitochondria (PubMed:10677542, PubMed:20665236, PubMed:23651124, PubMed:33789160). Also acts as a low-affinity ethanolamine/H⁺ antiporter, regulating the supply of extracellular ethanolamine (Etn) for the CDP-Etn pathway, redistribute intracellular Etn and balance the CDP-Cho and CDP-Etn arms of the Kennedy pathway (PubMed:33789160).

Cellular Location

Cell membrane; Multi-pass membrane protein. Mitochondrion outer membrane; Multi-pass membrane protein. Note=Mainly expressed in mitochondria {ECO:0000250|UniProtKB:B4F795}

Tissue Location

Present in supporting cells of the inner ear (at protein level).

SLC44A2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC44A2 Antibody (N-term) Blocking Peptide - Images**SLC44A2 Antibody (N-term) Blocking Peptide - Background**

SLC44A2 is putative choline transporter.

SLC44A2 Antibody (N-term) Blocking Peptide - References

Curtis, B.R., et al. Blood 115(10):2073-2076(2010)Greinacher, A., et al. Nat. Med. 16(1):45-48(2010)Nakamura, T., et al. Biol. Pharm. Bull. 33(4):691-696(2010)Kommareddi, P.K., et al. J. Assoc. Res. Otolaryngol. 8(4):435-446(2007)Traiffort, E., et al. J. Neurochem. 92(5):1116-1125(2005)