

SLC26A1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13831a**Specification**

SLC26A1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9H2B4](#)**SLC26A1 Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 10861

Other Names

Sulfate anion transporter 1, SAT-1, Solute carrier family 26 member 1, SLC26A1, SAT1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13831a was selected from the N-term region of SLC26A1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SLC26A1 Antibody (N-term) Blocking peptide - Protein Information

Name SLC26A1

Synonyms SAT1

Function

Sodium-independent sulfate anion transporter (PubMed:12713736, PubMed:27125215). Can transport other anions including bicarbonate, thiosulfate and oxalate by mediating sulfate-thiosulfate, sulfate-hydrogencarbonate and sulfate-oxalate anion exchange (PubMed:12713736, PubMed:27125215). Mediates oxalate- hydrogencarbonate anion exchange (By similarity).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P58735}; Multi-pass membrane protein. Basolateral cell

membrane {ECO:0000250|UniProtKB:P45380}; Multi-pass membrane protein

Tissue Location

Expressed most abundantly in the kidney and liver, with lower levels in the pancreas, testis, brain, small intestine, colon, and lung.

SLC26A1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SLC26A1 Antibody (N-term) Blocking peptide - Images**SLC26A1 Antibody (N-term) Blocking peptide - Background**

This gene is a member of a family of sulfate/anion transporter genes. Family members are well conserved in their genomic (number and size of exons) and protein (aa length among species) structures, but have markedly different tissue expression patterns. This gene is primarily expressed in the liver, pancreas, and brain. Three splice variants that encode different isoforms have been identified.

SLC26A1 Antibody (N-term) Blocking peptide - References

Katzir, Z., et al. Nephrol. Dial. Transplant. 23(4):1211-1215(2008) Gornati, R., et al. Mol. Cell. Biochem. 298 (1-2), 59-68 (2007) :Regeer, R.R., et al. DNA Cell Biol. 22(2):107-117(2003) Markovich, D. Physiol. Rev. 81(4):1499-1533(2001) Lohi, H., et al. Genomics 70(1):102-112(2000)