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

Specification

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

Primary 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/aniontransporter genes. Family members are well conserved in theirgenomic (number and size of exons) and protein (aa length amongspecies) structures, but have markedly different tissue expressionpatterns. This gene is primarily expressed in the liver, pancreas,and brain. Three splice variants that encode different isoformshave 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)