

SLC26A11 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP4983b**Specification**

SLC26A11 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q86WA9](#)
Other Accession [NP_775897](#)

SLC26A11 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 284129

Other Names

Sodium-independent sulfate anion transporter, Solute carrier family 26 member 11, SLC26A11 (HGNC:14471)

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.

SLC26A11 Antibody (C-term) Blocking Peptide - Protein Information

Name SLC26A11 ([HGNC:14471](#))

Function

Sodium-independent anion exchanger mediating bicarbonate, chloride, sulfate and oxalate transport (By similarity). Exhibits sodium-independent sulfate anion transporter activity that may cooperate with SLC26A2 to mediate DIDS-sensitive sulfate uptake into high endothelial venules endothelial cells (HEVEC) (PubMed:12626430). In the kidney, mediates chloride-bicarbonate exchange, facilitating V-ATPase-mediated acid secretion (By similarity). May function as a chloride channel, playing an important role in moderating chloride homeostasis and neuronal activity in the cerebellum (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein. Apical cell membrane {ECO:0000250|UniProtKB:Q80ZD3}; Multi-pass membrane protein. Basolateral cell membrane {ECO:0000250|UniProtKB:Q80ZD3}; Multi-pass membrane protein

Tissue Location

Detected in all tissues tested with highest expression observed in brain, kidney, HEVEC and placenta and lowest in pancreas, skeletal muscle, liver, lung and heart

SLC26A11 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC26A11 Antibody (C-term) Blocking Peptide - Images

SLC26A11 Antibody (C-term) Blocking Peptide - Background

SLC26A11 encodes a member of the solute linked carrier 26 family of anion exchangers. Members of this family of proteins are essential for numerous cellular functions including homeostasis and intracellular electrolyte balance. The encoded protein is a sodium independent sulfate transporter that is sensitive to the anion exchanger inhibitor 4,4'-diisothiocyanostilbene-2,2'-disulfonic acid.

SLC26A11 Antibody (C-term) Blocking Peptide - References

Sindic, A., et al. Curr. Opin. Nephrol. Hypertens. 16(5):484-490(2007)Soleimani, M., et al. Semin. Nephrol. 26(5):375-385(2006)Vincourt, J.B., et al. FASEB J. 17(8):890-892(2003)