

SLC4A9 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17903a**Specification**

SLC4A9 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96Q91](#)**SLC4A9 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 83697**Other Names**

Anion exchange protein 4, AE 4, Anion exchanger 4, Sodium bicarbonate cotransporter 5, Solute carrier family 4 member 9, SLC4A9, AE4, SBC5

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.

SLC4A9 Antibody (N-term) Blocking Peptide - Protein Information**Name** SLC4A9 ([HGNC:11035](#))**Function**

Electroneutral Cl(-)/HCO3(-) antiporter that favors chloride ion entry and efflux of hydrogencarbonate and sodium ion across the basolateral membrane and may participate in salivary secretion (PubMed:27114614). Also mediates Cl(-)/HCO3(-) exchange activity in the presence of K(+) as well as Cs(+), Li(+), and Rb(+) (By similarity). Does not contribute to Cl(-)/HCO3(-) exchanger in the apical membrane of the upper villous epithelium (By similarity).

Cellular Location

Basolateral cell membrane {ECO:0000250|UniProtKB:A0A494BA31}; Multi-pass membrane protein. Note=Localized in the basolateral membrane of the cortical collecting duct (CCD)and submandibular gland (SMG) duct {ECO:0000250|UniProtKB:A0A494BA31}

Tissue Location

Kidney specific. {ECO:0000269|PubMed:11305939, ECO:0000269|Ref.7}

SLC4A9 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC4A9 Antibody (N-term) Blocking Peptide - Images**SLC4A9 Antibody (N-term) Blocking Peptide - Background**

SLC4A9 is probable apical anion exchanger of the kidney cortex (By similarity).

SLC4A9 Antibody (N-term) Blocking Peptide - References

Parker, M.D., et al. Biochem. Biophys. Res. Commun. 282(5):1103-1109(2001)Lipovich, L., et al. Genome Biol. 2 (4), RESEARCH0011 (2001) :