

S4A5 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5972b**Specification**

S4A5 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q9BY07](#)
Other Accession [NP_067019.3](#), [NP_597812.1](#)

S4A5 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 57835

Other Names

Electrogenic sodium bicarbonate cotransporter 4, NBCe2, Solute carrier family 4 member 5, SLC4A5 ([HGNC:18168](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=18168))

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.

S4A5 Antibody (C-term) Blocking peptide - Protein Information

Name SLC4A5 ([HGNC:18168](#))

Function

Mediates sodium- and bicarbonate-dependent electrogenic sodium bicarbonate cotransport, with a Na(+):HCO3(-) stoichiometry varying from 1:2 to 1:3.

Cellular Location

Apical cell membrane; Multi-pass membrane protein. Basolateral cell membrane {ECO:0000250|UniProtKB:Q6RI88}; Multi-pass membrane protein. Note=Expressed in the apical plasma membrane domain of a subset of collecting ducts in the renal medulla

Tissue Location

Highest expression observed in liver, spleen and testis; moderate expression in the choroid plexus, hippocampus, cerebrum and cerebellum of brain, and in kidney cortex and kidney medulla. Also observed in heart, pancreas, muscle, lung, placenta, stomach and small intestine. Weakest expression seen in peripheral blood lymphocytes, colon, duodenum, jejunum, ileum and skeletal muscle

S4A5 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

S4A5 Antibody (C-term) Blocking peptide - Images