

SLC4A5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57824**Specification**

SLC4A5 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q9BY07
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	126255

SLC4A5 Polyclonal Antibody - Additional Information**Gene ID** 57835**Other Names**

Electrogenic sodium bicarbonate cotransporter 4, NBCe2, Solute carrier family 4 member 5, SLC4A5 (HGNC:18168)

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SLC4A5 Polyclonal Antibody - 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

SLC4A5 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLC4A5 Polyclonal Antibody - Images