

SLC4A2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12330**Specification**

SLC4A2 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P04920
Other Accession	NM_003040 , NP_003031
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	137kDa KDa

SLC4A2 antibody - N-terminal region - Additional Information**Gene ID** 6522**Alias Symbol** **AE2, BND3L, EPB3L1, HKB3, NBND3****Other Names**

Anion exchange protein 2, AE 2, Anion exchanger 2, Non-erythroid band 3-like protein, BND3L, Solute carrier family 4 member 2, SLC4A2, AE2, EPB3L1, HKB3, MPB3L

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SLC4A2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SLC4A2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC4A2 antibody - N-terminal region - Protein Information**Name** SLC4A2**Synonyms** AE2, EPB3L1, HKB3, MPB3L**Function**

Sodium-independent anion exchanger which mediates the electroneutral exchange of chloride for bicarbonate ions across the cell membrane (PubMed:15184086, PubMed:34668226). Plays an

important role in osteoclast differentiation and function (PubMed:34668226). Regulates bone resorption and calpain-dependent actin cytoskeleton organization in osteoclasts via anion exchange-dependent control of pH (By similarity). Essential for intracellular pH regulation in CD8(+) T- cells upon CD3 stimulation, modulating CD8(+) T-cell responses (By similarity).

Cellular Location

[Isoform A]: Apical cell membrane; Multi-pass membrane protein. Basolateral cell membrane; Multi-pass membrane protein [Isoform B2]: Apical cell membrane; Multi-pass membrane protein. Basolateral cell membrane; Multi-pass membrane protein

Tissue Location

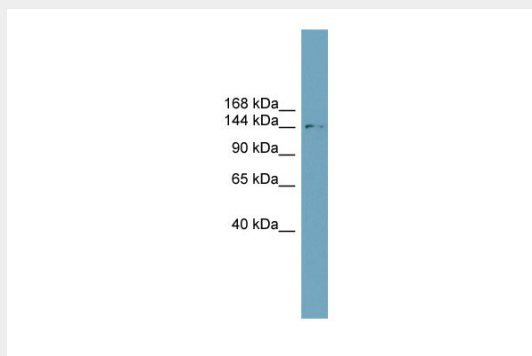
[Isoform A]: Expressed in the liver, stomach, kidney, prostate, thyroid and rectum. [Isoform B2]: Expressed in the liver and kidney.

SLC4A2 antibody - N-terminal region - 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](#)

SLC4A2 antibody - N-terminal region - Images



WB Suggested Anti-SLC4A2 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: ACHN cell lysate

SLC4A2 is supported by BioGPS gene expression data to be expressed in ACHN