

SLC9A3 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12337**Specification****SLC9A3 antibody - middle region - Product Information**

Application	WB
Primary Accession	P48764
Other Accession	NM_004174 , NP_004165
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Bovine, Dog
Predicted	Human, Mouse, Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	93kDa KDa

SLC9A3 antibody - middle region - Additional Information**Gene ID** 6550**Alias Symbol** **MGC126718, MGC126720, NHE3****Other Names**

Sodium/hydrogen exchanger 3, Na(+)/H(+) exchanger 3, NHE-3, Solute carrier family 9 member 3, SLC9A3, NHE3

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-SLC9A3 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

SLC9A3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC9A3 antibody - middle region - Protein Information**Name** SLC9A3 ([HGNC:11073](#))**Function**

Plasma membrane Na(+)/H(+) antiporter (PubMed:26358773, PubMed:35613257, PubMed:18829453). Exchanges intracellular H(+) ions for extracellular Na(+) in 1:1 stoichiometry, playing a key role in salt and fluid absorption and pH homeostasis (By similarity). Major apical Na(+)/H(+) exchanger in kidney and intestine playing an important role in renal and intestine Na(+) absorption and blood pressure

regulation (PubMed:26358773, PubMed:24622516).

Cellular Location

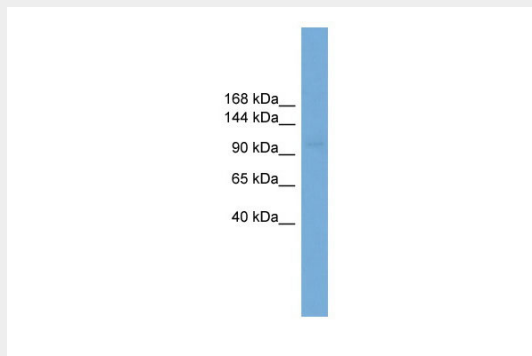
Apical cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Recycling endosome membrane; Multi-pass membrane protein. Early endosome membrane; Multi-pass membrane protein. Note=In intestinal epithelial cells, localizes to the ileal brush border. Phosphorylation at Ser-663 by SGK1 is associated with increased abundance at the cell membrane Angiotensin-2 enhances apical expression (By similarity) {ECO:0000250|UniProtKB:Q28362}

SLC9A3 antibody - middle 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](#)

SLC9A3 antibody - middle region - Images



WB Suggested Anti-SLC9A3 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: COLO205 cell lysate