

SLC13A2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57919**Specification**

SLC13A2 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q13183
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64410

SLC13A2 Polyclonal Antibody - Additional Information**Gene ID** 9058**Other Names**

Solute carrier family 13 member 2, Na(+)/dicarboxylate cotransporter 1, NaDC-1, Renal sodium/dicarboxylate cotransporter, SLC13A2, NADC1, SDCT1

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.

SLC13A2 Polyclonal Antibody - Protein Information**Name** SLC13A2**Synonyms** NADC1, SDCT1**Function**

Low-affinity sodium-dicarboxylate cotransporter, that mediates the entry of citric acid cycle intermediates, such as succinate, citrate, fumarate and alpha-ketoglutarate (2-oxoglutarate) into the small intestine and renal proximal tubule (PubMed:10894787, PubMed:9668069, PubMed:8967342). Transports the dicarboxylate into the cell with a probable stoichiometry of 3 Na(+) for 1 divalent dicarboxylate, rendering the process electrogenic (PubMed:8967342, PubMed:9668069, PubMed:10894787). Citrate is transported in protonated form as a divalent anion, rather than the trivalent form which is normally found in blood (PubMed:10894787). Has a critical role in renal dicarboxylate transport (By similarity).

Cellular Location

Apical cell membrane; Multi-pass membrane protein

Tissue Location

Expressed in kidney and intestine (PubMed:8967342). In kidney expressed in the proximal tubule (at protein level) (PubMed:27927654).

SLC13A2 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](#)

SLC13A2 Polyclonal Antibody - Images