

SLC17A3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57923**Specification**

SLC17A3 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	O00476
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46106

SLC17A3 Polyclonal Antibody - Additional Information**Gene ID** 10786**Other Names**

Sodium-dependent phosphate transport protein 4, Na(+)/PI cotransporter 4, Sodium/phosphate cotransporter 4, Solute carrier family 17 member 3, SLC17A3, NPT4

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.

SLC17A3 Polyclonal Antibody - Protein Information**Name** SLC17A3**Synonyms** NPT4**Function**

[Isoform 2]: Transports organic anions in a voltage-driven, multispecific, manner, on the apical side of renal proximal tubule (PubMed:20810651). In particular, participates in the secretion of urate from the cell into the lumen (PubMed:20810651). Urate is the end product of purine metabolism (PubMed:20810651). May have roles in the metabolism and secretion of estrone sulfate, estradiol-17-beta- glucuronide, ochratoxin A, as wells as drugs such as bumetanide (PubMed:20810651).

Cellular Location

[Isoform 1]: Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

Expressed in the liver and kidney (PubMed:9149941, PubMed:20810651). It is detected in proximal tubules in renal cortex as well as some tubules and glomeruli, with highest expression at the apical side of proximal tubules (at protein level) (PubMed:20810651)

SLC17A3 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](#)

SLC17A3 Polyclonal Antibody - Images