

SLC10A7 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57917**Specification**

SLC10A7 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q0GE19
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37432

SLC10A7 Polyclonal Antibody - Additional Information**Gene ID** 84068**Other Names**

Sodium/bile acid cotransporter 7, Na(+)/bile acid cotransporter 7, Solute carrier family 10 member 7, SLC10A7, C4orf13, P7

Format

0.01M TBS(pH7.4) with 1% BSA, 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.

SLC10A7 Polyclonal Antibody - Protein Information**Name** SLC10A7**Synonyms** C4orf13, P7**Function**

Involved in teeth and skeletal development. Has an essential role in the biosynthesis and trafficking of glycosaminoglycans and glycoproteins, to produce a proper functioning extracellular matrix. Required for extracellular matrix mineralization

(PubMed:30082715, PubMed:29878199). Also involved in the regulation of cellular calcium homeostasis (PubMed:30082715, PubMed:31191616). Does not show transport activity towards bile acids or steroid sulfates (including taurocholate, cholate, chenodeoxycholate, estrone-3-sulfate, dehydroepiandrosterone sulfate (DHEAS) and pregnenolone sulfate).

Cellular Location

Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane

Tissue Location

Widely expressed (PubMed:15932064, PubMed:17628207). Expressed at high levels in liver and at lower levels in prostate, placenta, kidney, heart, lung, thymus and spleen (PubMed:15932064, PubMed:17628207). Strongly expressed in testis and also detected in brain, ovary, colon and small intestine (PubMed:17628207). Weakly expressed in testis and not detected in brain, ovary, colon or small intestine (PubMed:15932064). Isoform 1: Expressed in liver, testis and placenta (PubMed:17628207). Isoform 4: Expressed in liver, testis and placenta (PubMed:17628207)

SLC10A7 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](#)