

SLC20A2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12000**Specification**

SLC20A2 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q08357
Other Accession	NM_006749 , NP_006740
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Bovine, Dog
Predicted Host	Mouse, Rabbit, Chicken, Horse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 70kDa KDa

SLC20A2 antibody - N-terminal region - Additional Information**Gene ID** 6575

Alias Symbol **GLVR2, Glvr-2, MLVAR, PIT-2, Ram1, pit2, hPit2**

Other Names

Sodium-dependent phosphate transporter 2, Gibbon ape leukemia virus receptor 2, GLVR-2, Phosphate transporter 2, PiT-2, Pit2, hPit2, Solute carrier family 20 member 2, SLC20A2, GLVR2, PIT2

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-SLC20A2 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

SLC20A2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC20A2 antibody - N-terminal region - Protein Information

Name SLC20A2

Synonyms GLVR2, PIT2

Function

Sodium-phosphate symporter which preferentially transports the monovalent form of phosphate with a stoichiometry of two sodium ions per phosphate ion (PubMed:12205090, PubMed:12205090)

href="http://www.uniprot.org/citations/15955065" target="_blank">15955065, PubMed:16790504, PubMed:17494632, PubMed:22327515, PubMed:28722801, PubMed:30704756). Plays a critical role in the determination of bone quality and strength by providing phosphate for bone mineralization (By similarity). Required to maintain normal cerebrospinal fluid phosphate levels (By similarity). Mediates phosphate-induced calcification of vascular smooth muscle cells (VCMCs) and can functionally compensate for loss of SLC20A1 in VCMCs (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Apical cell membrane {ECO:0000250|UniProtKB:Q63488}; Multi-pass membrane protein

Tissue Location

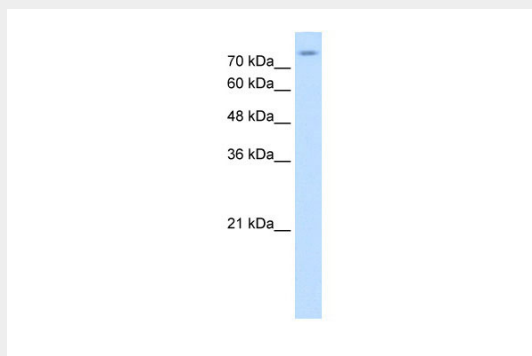
Ubiquitously expressed.

SLC20A2 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](#)

SLC20A2 antibody - N-terminal region - Images



WB Suggested Anti-SLC20A2 Antibody Titration: 0.2-1 µg/ml

Positive Control: HepG2 cell lysate

SLC20A2 antibody - N-terminal region - References

Bottger,P. (2005) FEBS J. 272 (12), 3060-3074
Reconstitution and Storage:For short term use, store at -80C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.