

SLC20A1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12347**Specification**

SLC20A1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q8WUM9
Other Accession	NM_005415 , NP_005406
Reactivity	Human, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted Host	Human, Pig, Horse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 74kDa KDa

SLC20A1 antibody - C-terminal region - Additional Information**Gene ID** 6574**Alias Symbol** DKFZp686J2397, FLJ41426, GLVR1, Glvr-1, PIT1, PiT-1**Other Names**

Sodium-dependent phosphate transporter 1, Gibbon ape leukemia virus receptor 1, GLVR-1, Leukemia virus receptor 1 homolog, Phosphate transporter 1, PiT-1, Solute carrier family 20 member 1, SLC20A1, GLVR1, PIT1

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-SLC20A1 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

SLC20A1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC20A1 antibody - C-terminal region - Protein Information**Name** SLC20A1**Synonyms** GLVR1, PIT1**Function**

Sodium-phosphate symporter which preferentially transports the monovalent form of phosphate with a stoichiometry of two sodium ions per phosphate ion (PubMed:11009570, PubMed:<a

[7929240](http://www.uniprot.org/citations/7929240), PubMed: [8041748](http://www.uniprot.org/citations/8041748), PubMed: [19726692](http://www.uniprot.org/citations/19726692), PubMed: [17494632](http://www.uniprot.org/citations/17494632), PubMed: [16790504](http://www.uniprot.org/citations/16790504)). May play a role in extracellular matrix and cartilage calcification as well as in vascular calcification (PubMed: [11009570](http://www.uniprot.org/citations/11009570)). Essential for cell proliferation but this function is independent of its phosphate transporter activity (PubMed: [19726692](http://www.uniprot.org/citations/19726692)).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

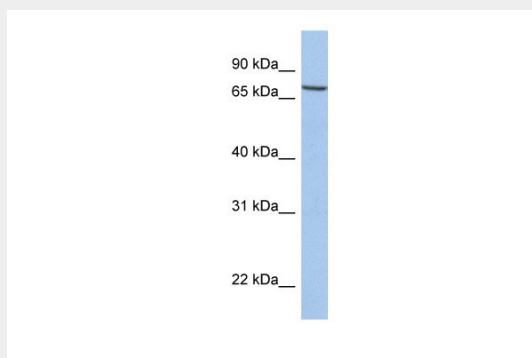
Ubiquitously expressed.

SLC20A1 antibody - C-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](#)

SLC20A1 antibody - C-terminal region - Images



WB Suggested Anti-SLC20A1 Antibody Titration: 0.2-1 µg/ml
 Positive Control: MCF7 cell lysate

SLC20A1 antibody - C-terminal region - References

Walker, L.C., (er) Breast Cancer Res. Treat. (2007) In press Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.