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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	**Human, Pig, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**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

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

Cellular Location
Cell membrane; Multi-pass membrane protein

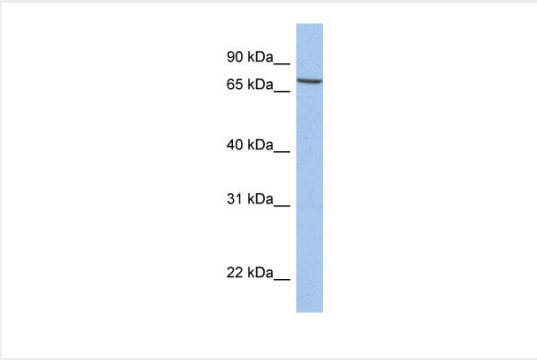
Tissue Location
Ubiquitously expressed.

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 Cytomety
- 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)BreastCancerRes.Treat.(2007)InpressReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.