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SLC17A2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10565

Product Information

Application	WB, IHC
Primary Accession	O00624
Other Accession	NM_005835, NP_005826
Reactivity	Human, Mouse, Rat, Bovine
Predicted	Human, Mouse, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47277

Additional Information

Gene ID	10246
Alias Symbol	NPT3
Other Names	Sodium-dependent phosphate transport protein 3, Na(+)/PI cotransporter 3, Sodium/phosphate cotransporter 3, Solute carrier family 17 member 2, SLC17A2, NPT3
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-SLC17A2 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	SLC17A2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SLC17A2
Synonyms	NPT3
Function	Acts as a membrane potential-dependent organic anion transporter, the transport requires a low concentration of chloride ions (By similarity). Mediates chloride-dependent transport of urate (By similarity). Can actively transport inorganic phosphate into cells via Na(+) cotransport (By similarity).
Cellular Location	Apical cell membrane {ECO:0000250|UniProtKB:Q5SZA1}; Multi-pass membrane protein

Tissue Location	Expressed in the small intestine, kidney, spleen and testis. Not detected in fetal brain, bone marrow, and mammary gland.

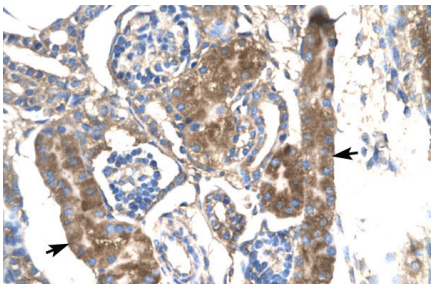
References

Ruddy,D.A., et al., (1997) Genome Res. 7 (5), 441-456Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-SLC17A2 Antibody Titration: .2-1 ug/ml
Positive Control: Jurkat cell lysate



Human kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.