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SLC17A2 Polyclonal Antibody

Catalog # AP72497

Product Information

Application	WB, E, IHC-P
Primary Accession	O00624
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47277

Additional Information

Gene ID	10246
Other Names	SLC17A2; NPT3; Sodium-dependent phosphate transport protein 3; Na(+)/PI cotransporter 3; Sodium/phosphate cotransporter 3; Solute carrier family 17 member 2
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

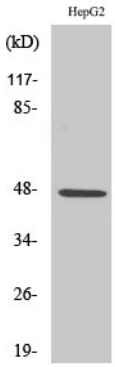
Protein Information

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.

Background

May be involved in actively transporting phosphate into cells via Na(+) cotransport.

Images



Western Blot analysis of various cells using SLC17A2 Polyclonal Antibody

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