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SLC17A2 Rabbit pAb

Catalog # AP99599

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O00624
Other Accession	O00624
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47277
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLC17A2
Epitope Specificity	1-100/439
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the major facilitator superfamily. Sodium/anion cotransporter family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	10246
Other Names	NPT3; C730032N17Rik; NPT3_HUMAN; SLC17A2; Na(+)/PI cotransporter 3; Sodium/phosphate cotransporter 3; Solute carrier family 17 member 2; NPT3_MOUSE; solute carrier family 17 (sodium phosphate), member 2; solute carrier family 17, member 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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