10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SLC34A2 Rabbit pAb

Catalog # AP96774

Product Information

Application	WB, E
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	77 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse SLC34A2
Epitope Specificity	1-50/697
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 SLC34A transporter family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Na+/Pi-cotransporterThis is a family of mainly mammalian type II renal Na+/Pi-cotransporters with other related sequences from lower eukaryotes and bacteria some of which are also Na+/Pi-cotransporters. In the kidney the type II renal Na+/Pi-cotransporters protein allows reabsorption of filtered Pi in the proximal tubule.

Additional Information

Gene ID	20531
Other Names	NAPI-3B; NAPI-IIb; NPTIIb; NaPi2b; PULAM; D5Ertd227e; NaPi-2b; Npt2b; NPT2B_HUMAN; SLC34A2; Sodium-phosphate transport protein 2B; Na(+)-dependent phosphate cotransporter 2B; NaPi3b; Sodium/phosphate cotransporter 2B (Na(+)/Pi cotransporter 2B | NaPi-2b); Solute carrier family 34 member 2; solute carrier family 34 (sodium phosphate), member 2; solute carrier family 34 (type II sodium/phosphate cotransporter), member 2; Sodium-dependent phosphate transport protein 2B
Dilution	WB=1:500-2000,ICC/IF=1:100-500,ELISA=1:5000-10000
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.
Name	SLC34A2 Rabbit pAb
Function	May be involved in actively transporting phosphate into cells via Na(+) cotransport. It may be the main phosphate transport protein in the intestinal brush border membrane. May have a role in the synthesis of surfactant in

lungs' alveoli.

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