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NPT2b Polyclonal Antibody

Catalog # AP73287

Product Information

Application	WB, E
Primary Accession	O95436
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75759

Additional Information

Gene ID	10568
Other Names	SLC34A2; Sodium-dependent phosphate transport protein 2B; 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
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

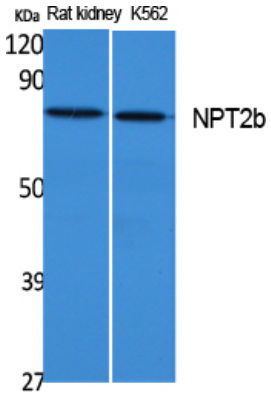
Name	SLC34A2
Function	Involved in actively transporting phosphate into cells via Na(+) cotransport.
Cellular Location	Apical cell membrane {ECO:0000250|UniProtKB:Q9DBP0}; Multi-pass membrane protein. Note=Localized at the brush border membranes of enterocytes. {ECO:0000250|UniProtKB:Q9DBP0}
Tissue Location	Highly expressed in lung. Also detected in pancreas, kidney, small intestine, ovary, testis, prostate and mammary gland. In lung, it is found in alveolar type II cells but not in bronchiolar epithelium.

Background

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.

Images



Western Blot analysis of extracts from rat kidney, K562 cells, using NPT2b Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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