

NPT1 Monoclonal Antibody

Catalog No :	YM0481
Reactivity :	Human
Applications :	WB;ELISA
Target :	NPT1
Gene Name :	SLC17A1
Protein Name :	Sodium-dependent phosphate transport protein 1
Human Gene Id :	6568
Human Swiss Prot No :	Q14916
Mouse Swiss Prot No :	Q61983
Immunogen :	Purified recombinant fragment of NPT1 expressed in E. Coli.
Specificity :	NPT1 Monoclonal Antibody detects endogenous levels of NPT1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	Affinity purification
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	51kD
P References :	1. Landis WG et.al Human and ecological Risk Assessment 6(5): 875-899. 2. Stewart CN et.al BioTechniques 29(4): 832-843. 3. Thomson JA et.al Journal of Food Science 66(2): 188-193.

Background :

caution:It is uncertain whether Met-1 or Met-3 is the initiator.,function:Important for the resorption of phosphate by the kidney. May be involved in actively transporting phosphate into cells via Na(+) cotransport in the renal brush border membrane.,similarity:Belongs to the major facilitator superfamily. Sodium/anion cotransporter family.,subunit:Interacts with PDZK1.,tissue specificity:Expressed in kidney cortex, liver and brain but not in other tissues.,

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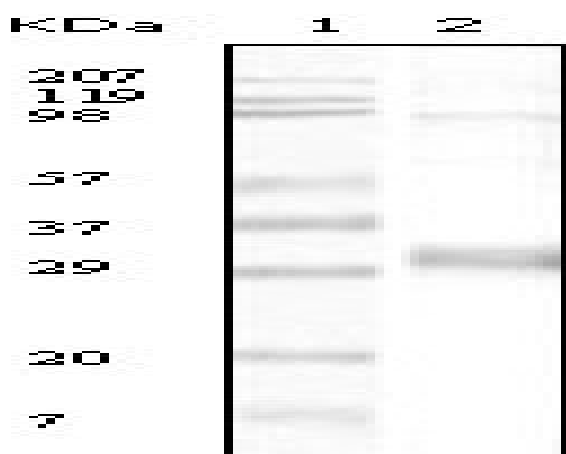
Subcellular Location :

Apical cell membrane ; Multi-pass membrane protein .

Expression :

Expressed in kidney cortex, liver and brain but not in other tissues.

Products Images



Western Blot analysis using NPT1 Monoclonal Antibody against truncated NPT1 recombinant protein.