



NPT1 Monoclonal Antibody

Catalog No	YP-Ab-00614
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	SLC17A1
Protein Name	Sodium-dependent phosphate transport protein 1
Immunogen	Purified recombinant fragment of NPT1 expressed in E. Coli.
Specificity	NPT1 Monoclonal Antibody detects endogenous levels of NPT1 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SLC17A1; NPT1; Sodium-dependent phosphate transport protein 1; Na(+)/PI cotransporter 1; Na/Pi-4; Renal Na(+)-dependent phosphate cotransporter 1; Renal sodium-dependent phosphate transport protein 1; Renal sodium-phosphate transport protei
Observed Band	
Cell Pathway	Apical cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Expressed in kidney cortex, liver and brain but not in other tissues.
Function	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.,
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.,



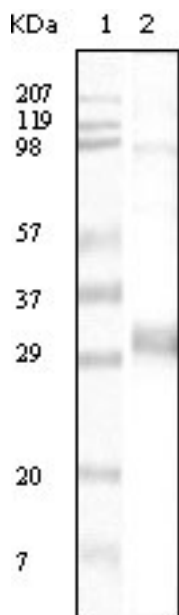
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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