

NPT1 Monoclonal Antibody

Catalog No: YM0481

Reactivity: Human

Applications: WB;ELISA

Target: NPT1

Gene Name: SLC17A1

Protein Name: Sodium-dependent phosphate transport protein 1

Q14916

Q61983

Human Gene Id: 6568

Human Swiss Prot

No:

Mouse Swiss Prot

No:

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.

Sort : 10954

No4:

Host: Mouse

Modifications: Unmodified

Products Images



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