



BPNT1 Mouse mAb

Catalog No	YP-mAb-19370
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	BPNT1
Immunogen	Synthesized peptide derived from human BPNT1. AA range:1-130
Specificity	This antibody detects endogenous levels of BPNT1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BPNT1;3'(2');5'-bisphosphate nucleotidase 1 (Bisphosphate 3'-nucleotidase 1) (PAP-inositol 1;4-phosphatase) (PIP)
Observed Band	
Calculated Molecular Weight	34kD
Cell Pathway	Highly expressed in kidney, liver, pancreas and heart. Detected at lower levels in brain, placenta, lung and skeletal muscle.
Tissue Specificity	
Function	Converts adenosine 3'-phosphate 5'-phosphosulfate (PAPS) to adenosine 5'-phosphosulfate (APS) and 3'(2')-phosphoadenosine 5'- phosphate (PAP) to AMP. Has 1000-fold lower activity towards inositol 1,4-bisphosphate (Ins(1,4)P2) and inositol 1,3,4-trisphosphate (Ins(1,3,4)P3), but does not hydrolyze Ins(1)P, Ins(3,4)P2, Ins(1,3,4,5)P4 or InsP6.
Background	
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