



PNCB mouse mAb

Catalog No	YP-mAb-12250
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NAPRT1 FHIP
Immunogen	Synthesized peptide derived from human PNCB AA range: 134-184
Specificity	This antibody detects endogenous levels of PNCB 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NAPRT;FHIP;FHA-HIT-interacting protein;FHA HIT interacting protein; EC:6.3.4.21;PNCB;NAPRT1 FHIP
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	
Function	catalytic activity:Nicotinate D-ribonucleotide + diphosphate = nicotinate + 5-phospho-alpha-D-ribose 1-diphosphate.,function:Catalyzes the conversion of nicotinic acid (NA) to NA mononucleotide (NaMN). Essential for NA to increase cellular NAD levels and prevent oxidative stress of the cells.,pathway:Cofactor biosynthesis; NAD(+) biosynthesis; nicotinate ribonucleotide from nicotinate: step 1/1.,similarity:Belongs to the NAPRTase family.,
Background	Nicotinic acid (NA; niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT; EC 2.4.2.11) to NA mononucleotide (NaMN) , which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD), which serves as a coenzyme in cellular redox reactions and is an essential component of a variety of processes



in cellular metabolism including response to stress (Hara et al., 2007).[supplied by OMIM, Mar 2008],

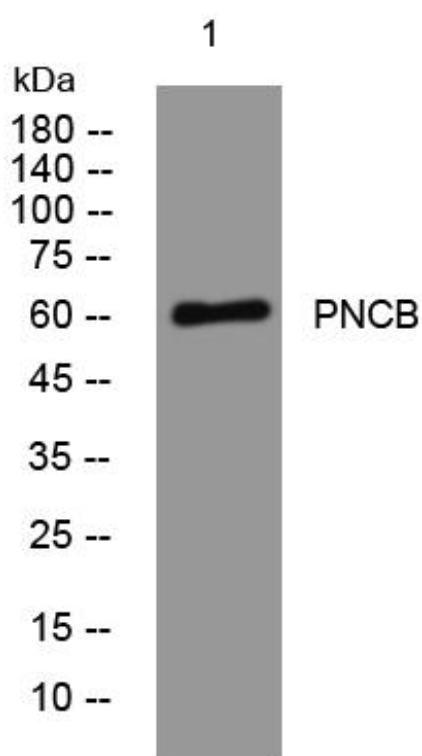
matters needing attention

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 of various cells using PNCB mouse mAb