5NTC Polyclonal Antibody

Catalog No	YP-Ab-05508
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	NT5C2 NT5B NT5CP PNT5
Protein Name	Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (Cytosolic 5'-nucleotidase II)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	5NTC Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol,　 and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	61kD
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	Widely expressed.
Function	catalytic activity:A 5'-ribonucleotide + H(2)O = a ribonucleoside + phosphate.,cofactor:Binds 1 magnesium ion per subunit.,disease:Aberration of this enzyme may be related to the urate production in hyperuricemia and gout.,enzyme regulation:Allosterically activated by various compounds, including ATP.,function:May have a critical role in the maintenance of a constant composition of intracellular purine/pyrimidine nucleotides in cooperation with other nucleotidases. Preferentially hydrolyzes inosine 5'-monophosphate (IMP) and other purine nucleotides.,similarity:Belongs to the 5'(3')-deoxyribonucleotidase family.,subunit:Homotetramer.,
Background	This gene encodes a hydrolase that serves as an important role in cellular purine metabolism by acting primarily on inosine 5'-monophosphate and other purine nucleotides. [provided by RefSeq, Oct 2011],
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.

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