

Nucleoside phosphorylase Rabbit pAb

CatalogNo: YN7227

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 32kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human Nucleoside phosphorylase

Specificity This antibody detects endogenous levels of Nucleoside phosphorylase at Human, Mouse, Rat

Target Information

Gene name PNP NP

Protein Name	Purine nucleoside phosphorylase (PNP) (Inosine phosphorylase) (Inosine-guanosine phosphorylase)		
	Organism	Gene ID	UniProt ID
	Human	4860 ;	P00491 ;
	Mouse	18950 ;	P23492 ;
Cellular Localization	Rat		P85973 ;
	Cytoplasm .		
Tissue specificity	Expressed in red blood cells; overexpressed in red blood cells (cytoplasm) of patients with hereditary non-spherocytic hemolytic anemia of unknown etiology.		
Function	Catalyzes the phosphorolytic breakdown of the N-glycosidic bond in the beta-(deoxy)ribonucleoside molecules, with the formation of the corresponding free purine bases and pentose-1-phosphate . Preferentially acts on 6-oxopurine nucleosides including inosine and guanosine .		

Validation Data

Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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Nucleoside phosphorylase Rabbit pAb

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