

Anti-PNP / Nucleoside Phosphorylase Antibody (aa142-153)

Goat Anti Human Polyclonal Antibody
Catalog # ALS17885

Product Information

Application	WB, IHC-P, E
Primary Accession	P00491
Predicted	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	32118
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	4860
Alias Symbol	PNP
Other Names	PNP, Inosine phosphorylase, NP, Nucleoside phosphorylase, PUNP, PRO1837
Target/Specificity	Human Nucleoside Phosphorylase / PNP
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-PNP / Nucleoside Phosphorylase Antibody (aa142-153) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PNP
Synonyms	NP
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 (PubMed: 23438750 , PubMed: 3029074 , PubMed: 9305964). Preferentially acts on 6-oxopurine nucleosides including inosine and guanosine (PubMed: 9305964).
Cellular Location	Cytoplasm, cytosol
Tissue Location	Expressed in red blood cells; overexpressed in red blood cells (cytoplasm) of patients with hereditary non-spherocytic hemolytic anemia of unknown etiology.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.