

Datasheet for ABIN7450576
anti-PNP antibody (AA 239-289)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PNP
Binding Specificity:	AA 239-289
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNP antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-PNP Antibody, Affinity Purified
Immunogen:	Between AA 239 and 289
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	PNP
Alternative Name:	PNP (PNP Products)
Target Type:	Viral Protein
Background:	Background: Purine nucleoside phosphorylase (PNP) is an enzyme which reversibly catalyzes

Target Details

the phosphorolysis of purine nucleosides. The PNP enzyme is trimeric, containing three identical subunits. Mutations which result in nucleoside phosphorylase deficiency result in defective T-cell (cell-mediated) immunity but can also affect B-cell immunity and antibody responses. Neurologic disorders may also be apparent in patients with immune defects. A known polymorphism at aa position 51 that does not affect enzyme activity has been described [taken from NCBI Entrez Gene (Gene ID: 4860)].

Gene ID: 4860

NCBI Accession: [NP_000261](#)

UniProt: [P00491](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Ribonucleoside Biosynthetic Process](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months