



[Go to Product page](#)

Datasheet for ABIN7166631  
**anti-PNP antibody (AA 1-289)**

2 Images

### Overview

Quantity:	100 µL
Target:	PNP (NP)
Binding Specificity:	AA 1-289
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Recombinant Human Purine nucleoside phosphorylase protein (1-289AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

### Target Details

Target:	PNP (NP)
Alternative Name:	PNP ( <a href="#">NP Products</a> )
Target Type:	Viral Protein
Background:	Background: The purine nucleoside phosphorylases catalyze the phosphorolytic breakdown of

## Target Details

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the N-glycosidic bond in the beta-(deoxy)ribonucleoside molecules, with the formation of the corresponding free purine bases and pentose-1-phosphate.

Aliases: FLJ94043 antibody, FLJ97288 antibody, FLJ97312 antibody, Inosine phosphorylase antibody, Inosine-guanosine phosphorylase antibody, MGC117396 antibody, MGC125915 antibody, MGC125916 antibody, NP antibody, Np1 antibody, Nucleoside phosphorylase antibody, PNP antibody, Pnp1 antibody, PNPH\_HUMAN antibody, PRO1837 antibody, PUNP antibody, Purine nucleoside orthophosphate ribosyltransferase antibody, Purine nucleoside phosphorylase 5a antibody, Purine nucleoside phosphorylase antibody

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UniProt: [P00491](#)

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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

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Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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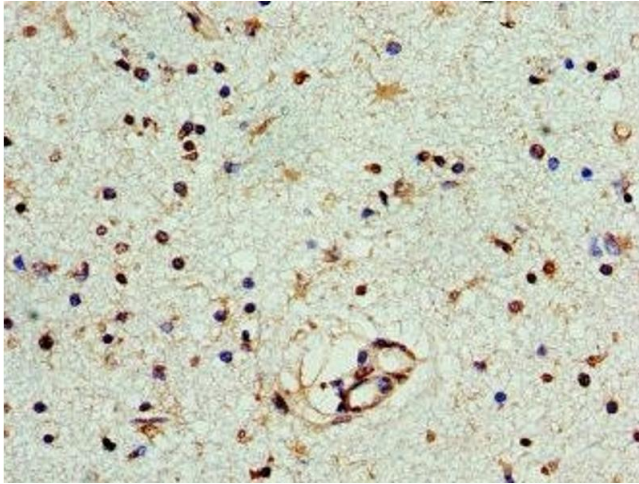
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

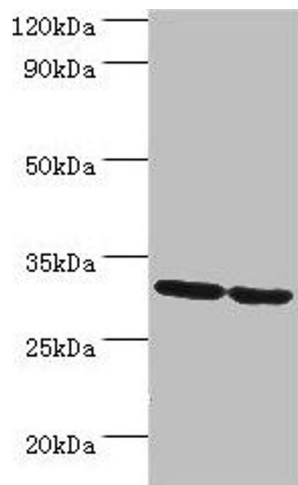
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7166631 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: PNP antibody at 10 µg/mL  
Lane 1: Jurkat whole cell lysate Lane 2: K562 whole cell lysate  
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 32 kDa Observed band size: 32 kDa