



[Go to Product page](#)

Datasheet for ABIN1386565
anti-PNP antibody (AA 201-280)

Overview

Quantity:	100 µL
Target:	PNP (NP)
Binding Specificity:	AA 201-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNP antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PNP/Nucleoside phosphorylase
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PNP (NP)
Alternative Name:	PNP/Nucleoside phosphorylase (NP Products)

Target Details

Target Type: Viral Protein

Background: Synonyms: Inosine phosphorylase, MGC117396, MGC125915, MGC125916, NP, Np1, Nucleoside phosphorylase, PNP, Pnp1, PNP_H_HUMAN, PRO1837, PUNP, Purine nucleoside orthophosphate ribosyltransferase, Purine nucleoside phosphorylase, FLJ94043, FLJ97288. Background: Purine nucleoside phosphorylase (PNP), also designated inosine phosphorylase, forms a homotrimer. It belongs to the PNP/MTAP phosphorylase family of proteins. Human PNP catalyzes the reversible phosphorolysis of ribonucleosides and 2'-deoxyribonucleosides with specificity for guanine, hypoxanthine, and their analogs. PNP deficiency is a rare autosomal recessive genetic disease associated with a severe defect in T-lymphocyte function and neurologic disorder in children, comprising four percent of combined immunodeficiency cases. Children with PNP deficiency are highly prone to infections, autoimmune disorders, neurological impairment, and cancer.

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: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months