

DATASHEET

PNP Rabbit Polyclonal Antibody

CAT. NO. APA12798

KEY FEATURES

Target	PNP	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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 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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

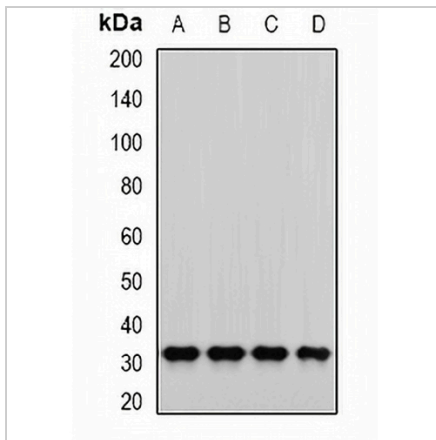
Description	Rabbit polyclonal antibody to PNP
Specificity	Recognizes endogenous levels of PNP protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PNP
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 32 kD; Observed: 32 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NP; Purine nucleoside phosphorylase; PNP; Inosine phosphorylase; Inosine-guanosine phosphorylase
Gene Symbol	PNP
Entrez Gene	4860(Human); 18950(Mouse); 290029(Rat)
SwissProt	P00491(Human); P23492(Mouse); P85973(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of PNP expression in SKOV3 (A), MCF7 (B), mouse liver (C), mouse kidney (D) whole cell lysates. (Predicted band size: 32 kD; Observed band size: 32 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.