

DATASHEET

PRPS1 Rabbit Polyclonal Antibody

CAT. NO. APA14727

KEY FEATURES

Target	PRPS1	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 synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis.

APPLICATION

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

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

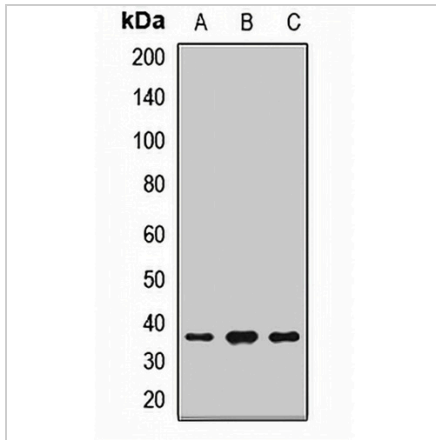
Description	Rabbit polyclonal antibody to PRPS1
Specificity	Recognizes endogenous levels of PRPS1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PRPS1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 27; Observed: 35 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	Ribose-phosphate pyrophosphokinase 1; PPRibP; Phosphoribosyl pyrophosphate synthase I; PRS-I
Gene Symbol	PRPS1
Entrez Gene	5631(Human); 19139(Mouse); 29562; 314140(Rat)
SwissProt	P60891(Human); Q9D7G0(Mouse); P60892(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 PRPS1 expression in HT29 (A), Jurkat (B), mouse thymus (C) whole cell lysates. (Predicted band size: 27; 34 kD; Observed band size: 35 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.