

Rabbit PRPS2 Polyclonal Antibody | anti-PRPS2 antibody

PRPS2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286054	Rabbit	Human (Predicted Reactivity: Yeast, Bovine, Monkey, Mouse, Rat, Xenopus)	ELISA, Western Blot

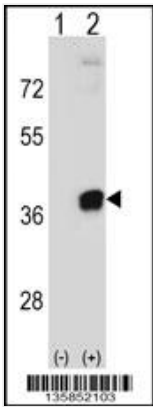
PRODUCT SYNONYMS

PRPS2; Polyclonal Antibody; PRPS2 Antibody (Center); Ribose-phosphate pyrophosphokinase 2; PPRibP; Phosphoribosyl pyrophosphate synthase II; PRS-II; anti-PRPS2 antibody

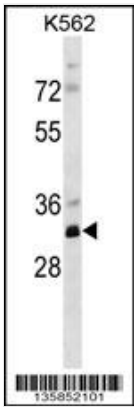
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Yeast, Bovine, Monkey, Mouse, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PRPS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 77-106 amino acids from the Central region of human PRPS2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	77-106
Sequence Length	321
Applicable Applications for anti-PRPS2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of PRPS2 (arrow) using rabbit polyclonal PRPS2 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PRPS2 gene.



WB (Western Blot)
PRPS2 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the PRPS2 antibody detected the PRPS2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PRPS2 antibody	PRPS2 is a phosphoribosyl pyrophosphate synthetase that plays a central role in the synthesis of purines and pyrimidines. The encoded protein catalyzes the synthesis of 5-phosphoribosyl 1-pyrophosphate from ATP and D-ribose 5-phosphate. Alternate splicing results in multiple transcript variants.
Product Categories/Family for anti-PRPS2 antibody	Cancer; Cell biology
References	Mannava, S., et al. Cell Cycle 7(15):2392-2400(2008) Tatibana, M., et al. Adv. Enzyme Regul. 35, 229-249 (1995) : Dawson, S.J., et al. J. Infect. 24(3):317-320(1992) Ishizuka, T., et al. Biochim. Biophys. Acta 1130(2):139-148(1992) Becker, M.A., et al. Genomics 8(3):555-561(1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	84875539
NCBI GeneID	5634
NCBI Accession #	NP_001034180.1; NP_002756.1
NCBI GenBank Nucleotide #	NM_001039091.2
UniProt Accession #	P11908; Q0VDH9; Q0VDI0; Q15245; Q2TAK7
Molecular Weight	34769
NCBI Official Full Name	ribose-phosphate pyrophosphokinase 2 isoform 1
NCBI Official Synonym Full Names	phosphoribosyl pyrophosphate synthetase 2
NCBI Official Symbol	PRPS2
NCBI Official Synonym Symbols	PRSII
NCBI Protein Information	ribose-phosphate pyrophosphokinase 2
UniProt Protein Name	Ribose-phosphate pyrophosphokinase 2
UniProt Gene Name	PRPS2

UniProt Synonym Gene Names	PRS-II
UniProt Entry Name	PRPS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prps2-antibody-western-blot-elisa/286054>