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# PRPS2 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11902

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | P11908 |
| **Other Accession** | NM_002765, NP_002756 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine |
| **Predicted** | Mouse, Rat, Pig, Chicken, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 34769 |

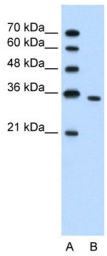
## Additional Information

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| **Gene ID** | 5634 |
| **Alias Symbol** | PRS II, PRSII |
| **Other Names** | Ribose-phosphate pyrophosphokinase 2, 2.7.6.1, PPRibP, Phosphoribosyl pyrophosphate synthase II, PRS-II, PRPS2 |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 100 ul of distilled water. Final anti-PRPS2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | PRPS2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | PRPS2 {ECO:0000303\|PubMed:1314091, ECO:0000312\|HGNC:HGNC:9465} |
| **Function** | Catalyzes the transfer of the pyrophosphoryl group from ATP to the 1-hydroxyl of ribose-5-phosphate to form 5-phospho-ribosyl-1-pyrophosphate (PRPP), a key intermediate in the biosynthesis of several metabolites including nucleotides, dinucleotides and some amino acids (PubMed:37248548, PubMed:40295500, PubMed:8387514). Involved in the production of newly synthesized ATP/GTP through the purine biosynthesis pathway (PubMed:40295500). |

## Images




WB Suggested Anti-PRPS2 Antibody Titration: 1.25µg/ml
Positive Control: Jurkat cell lysate
PRPS2 is supported by BioGPS gene expression data to be expressed in Jurkat

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.