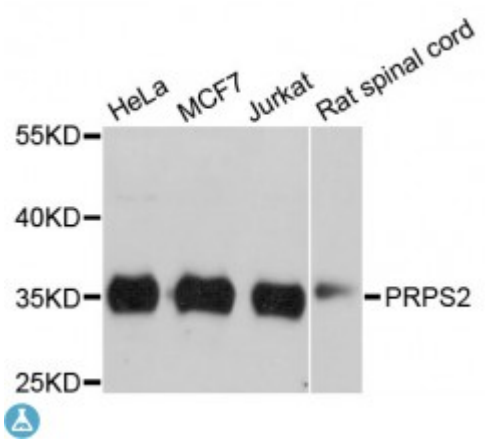
# Anti-PRPS2 Antibody

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| **Description** | This gene encodes 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. |

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| **Model** | STJ114519 |
| **Host** | Rabbit |
| **Reactivity** | Human, Rat |
| **Applications** | WB |
| **Immunogen** | Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human PRPS2 (NP_002756.1). |
| **Gene ID** | 5634 |
| **Gene Symbol** | PRPS2 |
| **Dilution range** | WB 1:1000 - 1:3000 |
| **Purification** | Affinity purification |
| **Note** | For Research Use Only (RUO). |
| **Protein Name** | Ribose-phosphate pyrophosphokinase 2 |
| **Molecular Weight** | 34.769 kDa |
| **Clonality** | Polyclonal |
| **Conjugation** | Unconjugated |

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| **Isotype** | IgG |
| **Formulation** | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| **Storage Instruction** | Store at -20C. Avoid freeze / thaw cycles. |
| **Database Links** | HGNC:9465OMIM:311860Reactome:R-HSA-73843 |
| **Alternative Names** | Ribose-phosphate pyrophosphokinase 2 |
| **Function** | Catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis |