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# PRPS1 Rabbit pAb

货号: **AYP16078**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	27kDa/34kDa
实测分子量	35kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Raji,U-87MG,SW620,HT-29,Mouse lung,Mouse brain,Mouse thymus,Rat liver,Rat heart
细胞定位	cytoplasm,cytosol
纯化	Affinity purification

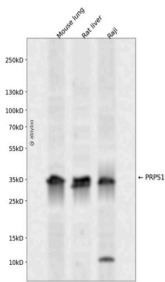
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 250-322 of human PRPS1 (NP_002755.1).
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## 靶点信息

研究背景	This gene encodes an enzyme that catalyzes the phosphoribosylation of ribose 5-phosphate to 5-phosphoribosyl-1-pyrophosphate, which is necessary for purine metabolism and nucleotide biosynthesis. Defects in this gene are a cause of phosphoribosylpyrophosphate synthetase superactivity, Charcot-Marie-Tooth disease X-linked recessive type 5 and Arts Syndrome. Two transcript variants encoding different isoforms have been found for this gene.
基因ID	5631
基因名	PRPS1
Swiss	P60891 ( <a href="https://www.uniprot.org/uniprotkb/P60891/entry">https://www.uniprot.org/uniprotkb/P60891/entry</a> )
别名	PRPS1,ARTS,CMTX5,DFN2,DFNX1,PPRibP,PRS-I,PRSI,PRPS1 Rabbit pAb,Phosphoribosyl pyrophosphate synthase I

## 产品验证



Western blot analysis of PRPS1 expressed in Mouse lung,Rat liver,Raji using PRPS1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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