

## 兔抗 PRPS1/2/1L1 多克隆抗体

- 中文名称: 兔抗 PRPS1/2/1L1 多克隆抗体
- 英文名称: Anti-PRPS1/2/1L1 rabbit polyclonal antibody

别 名: ARTS; DFN2; PRSI; CMTX5; DFNX1; PRS-I; PPRibP/PRSII/PRPS1; PRPS3; PRPSL; PRS-III

- 相关类别: 一抗
- 储 存: 冷冻(-20℃)
- 宿 主: Rabbit
- 抗 原: PRPS1/2/1L1
- 反应种属: Human, Mouse
- 标记物: Unconjugate
- 克隆类型: rabbit polyclonal

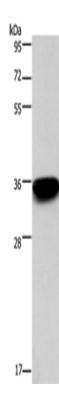
## 技术规格

Background:	PRPS (phosphoribosyl pyrophosphate synthetase) protein s catalyze the synthesis of phosphoribosyl pyrophosphat e (PRPP). Three human PRPS isoforms exist and are enc oded by three different genes. PRPS1 and PRPS2 (also k nown as PRS1 and PRS2, respectively) are ubiquitously e xpressed, while PRPS3 (also known as PRPS1L1) is specif ic to the testis. PRPP is an important substrate synthesiz ed from MgATP and ribose-5-phosphate in a reaction t hat requires inorganic phosphate and magnesium as a c ofactor. PRPP is essential in the synthesis of nearly all n ucleotides, implying that PRPS1/2 play an important role in nucleotide biosynthesis and purine metabolism. A mu
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	tation in the gene encoding PRPS1 may result in PRPS superactivity, a disease characterized by gout and the o verproduction of purine nucleotides, uric acid and PRPP. PRPS1 mutations can also lead to a reduction in PRPS1 activity resulting in ARTS syndrome or CMTX5 (Charcot- Marie-Tooth disease X-linked recessive type 5).
Applications:	ELISA, WB, IHC
Name of antibody:	PRPS1/2/1L1
Immunogen:	Synthetic peptide of human PRPS1/2/1L1
Full name:	phosphoribosyl pyrophosphate synthetase 1/2/1-like 1
Synonyms :	ARTS; DFN2; PRSI; CMTX5; DFNX1; PRS-I; PPRibP/PRSII/P RPS1; PRPS3; PRPSL; PRS-III
SwissProt:	P60891/P11908/P21108
ELISA Recommended dilution:	2000-5000
IHC positive control:	Human thyroid cancer
IHC Recommend dilution:	25-100
WB Predicted band size:	35 kDa
WB Positive control:	293T cells
WB Recommended dilution:	500-2000





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