

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; PRS1; 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) proteins catalyze the synthesis of phosphoribosyl pyrophosphate (PRPP). Three human PRPS isoforms exist and are encoded by three different genes. PRPS1 and PRPS2 (also known as PRS1 and PRS2, respectively) are ubiquitously expressed, while PRPS3 (also known as PRPS1L1) is specific to the testis. PRPP is an important substrate synthesized from MgATP and ribose-5-phosphate in a reaction that requires inorganic phosphate and magnesium as a cofactor. PRPP is essential in the synthesis of nearly all nucleotides, implying that PRPS1/2 play an important role in nucleotide biosynthesis and purine metabolism. A mu

	tation in the gene encoding PRPS1 may result in PRPS superactivity, a disease characterized by gout and the overproduction 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/PRSI/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



