

磷酸核糖焦磷酸合成酶 2 抗体

产品货号： mIR19408

英文名称： PRPS2

中文名称： 磷酸核糖焦磷酸合成酶 2 抗体

别名： ARTS; CMTX5; Deafness 2 perceptive congenital; Deafness X linked 2 perceptive congenital; DFN2; DFNX1; EC 2.7.6.1; KIAA0967; Phosphoribosyl pyrophosphate synthase I; Phosphoribosyl pyrophosphate synthetase I; PPRibP; Prps1; PRPS1_HUMAN; PRS I; PRS-I; PRSI; Ribose phosphate pyrophosphokinase I; Ribose-phosphate pyrophosphokinase 1.

研究领域： 细胞生物 免疫学 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 35kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human PRPS1:101-200/318

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : 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. [provided by RefSeq, Mar 2010]

Function:

Catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis.

Subunit:

Homodimer. The active form is probably a hexamer composed of 3 homodimers (By similarity).

Similarity:

Belongs to the ribose-phosphate pyrophosphokinase family.

SWISS:

P11908

Gene ID:

5634

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.