

## 线粒体核糖核酸酶 P 蛋白 3 抗体

产品货号： mlR17807

英文名称： MRPP3

中文名称： 线粒体核糖核酸酶 P 蛋白 3 抗体

别名： Kiaa0391; KIAA0391 gene; Mitochondrial ribonuclease P protein 3; Mitochondrial RNase P protein 3; Mitochondrial RNase P subunit 3; MRRP3\_HUMAN; PRORP; Proteinaceous RNase P.

研究领域： 细胞生物 转录调节因子 线粒体 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 : 67kDa

细胞定位 : 细胞核 线粒体

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human MRPP3:341-440/583

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 :** Chromosome 14 contains about 700 genes and 106 million base pairs and makes up about 3.5% of human cellular DNA. Chromosome 14 encodes the presenilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease. The SERPINA1 gene is located on chromosome 14 and when defective leads to the genetic disorder  $\alpha$ -antitrypsin deficiency. This disorder is characterized by severe lung complications and liver dysfunction. Notably, the immunoglobulin heavy chain locus is found on chromosome 14 and has been identified as a fusion with the chromosome 19 encoded protein BCL3 in the (14;19) translocations found in a variety of B cell malignancies. The KIAA0391 gene product has been provisionally designated KIAA0391 pending further characterization.

**Function:**

Functions in mitochondrial tRNA maturation. Part of mitochondrial ribonuclease P, an enzyme composed of MRPP1/RG9MTD1, MRPP2/HSD17B10 and MRPP3/KIAA0391, which cleaves tRNA molecules in their 5'-ends.

**Subunit:**

Interacts with MRPP1/TRMT10C and MRPP2/HSD17B10.

**Subcellular Location:**

Mitochondrion.

**SWISS:**

O15091

**Gene ID:**

6992

**Important Note:**

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