

# 线粒体核糖体蛋白 S5 抗体

产品货号 : mlR17831

英文名称 : MRPS5

中文名称 : 线粒体核糖体蛋白 S5 抗体

别 名 : 28S ribosomal protein S5; Mitochondrial 28S ribosomal protein S5; mitochondrial; mitochondrial ribosomal protein S5; MRP S5; MRP-S5; Mrps5; RT05\_HUMAN; S5mt.

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, Mouse, Rat, Dog, Rabbit,

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 : 48kDa

细胞定位 : 细胞浆 线粒体

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml



免 疫 原 : KLH conjugated synthetic peptide derived from human MRPS5:251-350/430

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 : Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that belongs to the ribosomal protein S5P family. Pseudogenes corresponding to this gene are found on chromosomes 4q, 5q, and 18q. [provided by RefSeq, Jul 2008]

#### Subcellular Location:

Mitochondrion.

#### Similarity:

Belongs to the ribosomal protein S5P family.

Contains 1 S5 DRBM domain.



**SWISS:**

P82675

**Gene ID:**

64969

**Important Note:**

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