

线粒体核糖体蛋白 L44 抗体

产品货号： mIR17795

英文名称： MRPL44

中文名称： 线粒体核糖体蛋白 L44 抗体

别名： 39S ribosomal protein L44, mitochondrial; EC 3.1.26; FLJ12701; FLJ13990; FLJ37688; L44MT; mitochondrial ribosomal protein L44; MRP L44.

研究领域： 细胞生物 转录调节因子 新陈代谢 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, Pig, 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 : 34kDa

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 MRPL44:201-300/332

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 39S subunit protein. [provided by RefSeq, Jul 2008]

Function:

MRPL44 is a component of the 39S subunit of mitochondrial ribosome.

Subcellular Location:

Mitochondrial

Similarity:

Contains 1 DRBM (double-stranded RNA-binding) domain. Contains 1 RNase III domain.

SWISS:

Q9H9J2

Gene ID:

65080

Important Note:



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