

线粒体核糖体蛋白 L39

产品货号： mlR3835

英文名称： MrpL39

中文名称： 线粒体核糖体蛋白 L39

别名： L39mt; Mitochondrial ribosomal protein L39; MRP L5; MRPL5; MSTP003; PRED22; PRED66; RPML5; RM39_HUMAN.

研究领域： 肿瘤 免疫学 染色质和核信号 信号转导 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,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 39kDa

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 MrpL-39:151-250/338

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. Two transcript variants encoding distinct isoforms have been described. A pseudogene corresponding to this gene is found on chromosome 5q.

Subcellular Location:

Mitochondrion.

Tissue Specificity:

Isoform 1 is ubiquitously expressed. Isoform 2 is heart-specific.

Similarity:

To the N-terminal of threonyl-tRNA synthetases.

SWISS:



Q9NYK5

Gene ID:

54148

Important Note:

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