

线粒体核糖体蛋白 S18C 抗体

产品货号： mIR17817

英文名称： MRPS18C

中文名称： 线粒体核糖体蛋白 S18C 抗体

别名： 28S ribosomal protein S18 1, mitochondrial; 28S ribosomal protein S18-1; 28S ribosomal protein S18c; 28S ribosomal protein S18c mitochondrial; CGI-134; mitochondrial; Mitochondrial ribosomal protein S18 1; Mitochondrial ribosomal protein S18C; MRP-S18-1; MRP-S18-c; MRPS18 1; Mrps18-c; Mrps18c; RT18C_HUMAN; S18mt-c.

研究领域： 细胞生物 转录调节因子 细胞类型标志物 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, Pig, Cow, Horse, Sheep,

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： 16kDa

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 MRPS18C:31-100/142

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 S18P family. The encoded protein is one of three that has significant sequence similarity to bacterial S18 proteins. The primary sequences of the three human mitochondrial S18 proteins are no more closely related to each other than they are to the prokaryotic S18 proteins. Pseudogenes corresponding to this gene are found on chromosomes 8p, 12p, 15q, and 22q. [provided by RefSeq, Jul 2008]

Subunit:

Component of the mitochondrial ribosome small subunit

Subcellular Location:

Mitochondrion.

Similarity:

Belongs to the ribosomal protein S18P family.

SWISS:

Q9Y3D5

Gene ID:

51023

Important Note:

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