

产品名称: MRP-L39 Rabbit Polyclonal Antibody
产品货号: APRab14126



产品概述 (Summary)

产品名称 (Production Name)	MRP-L39 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MRPL39 MRPL39; C21orf92; MRPL5; RPML5; MSTP003; PRED22; 39S ribosomal protein
别名 (Alternative Names)	L39; mitochondrial; L39mt; MRP-L39; 39S ribosomal protein L5, mitochondrial; L5mt; MRP-L5
基因 ID (Gene ID)	54148.0
蛋白 ID (SwissProt ID)	Q9NYK5.The antiserum was produced against synthesized peptide derived from human MRPL39. AA range:289-338

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	39kDa

产品名称: MRP-L39 Rabbit Polyclonal Antibody
产品货号: APRab14126

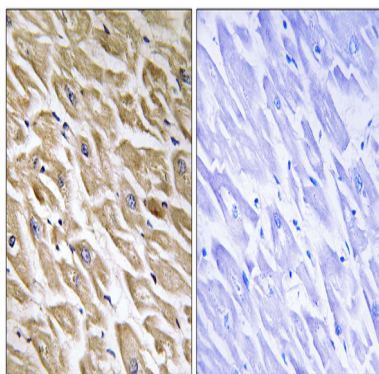


研究背景 (Background)

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. [provided by RefSeq, Jul 2008],caution:It is uncertain whether Met-1 or Met-6 is the initiator.,caution:Ref.1 indicates C21orf8 as a synonym for this orf, this is incorrect, C21orf8 is already assigned to another chromosome 21 region.,similarity:To the N-terminal of threonyl-tRNA synthetases.,tissue specificity:Ubiquitous (isoform 1); heart-specific (isoform 2),.

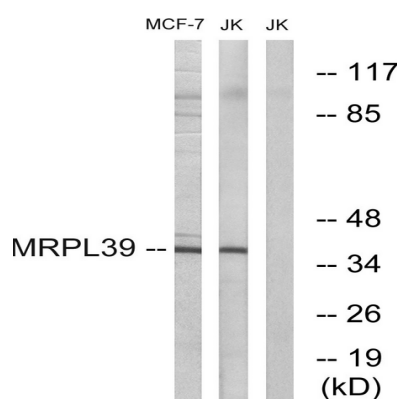
研究领域 (Research Area)

图片 (Image Data)

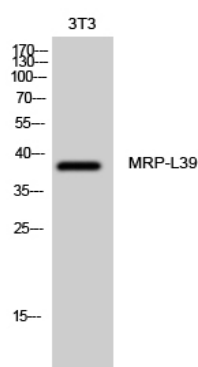


Immunohistochemistry analysis of paraffin-embedded human heart tissue, using MRPL39 Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: MRP-L39 Rabbit Polyclonal Antibody
产品货号: AP Rab14126



Western blot analysis of lysates from Jurkat and MCF-7 cells, using MRPL39 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using MRP-L39 Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .