

产品名称: MRP-L10 Rabbit Polyclonal Antibody
产品货号: APRab14108



产品概述 (Summary)

产品名称 (Production Name)	MRP-L10 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)	MRPL10
别名 (Alternative Names)	MRPL10; MRPL8; RPML8; 39S ribosomal protein L10; mitochondrial; L10mt; MRP-L10; 39S ribosomal protein L8, mitochondrial; L8mt; MRP-L8
基因 ID (Gene ID)	124995.0
蛋白 ID (SwissProt ID)	Q7Z7H8.The antiserum was produced against synthesized peptide derived from human MRPL10. AA range:211-260

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	29kDa

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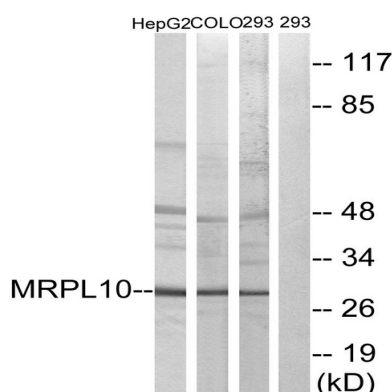


研究背景 (Background)

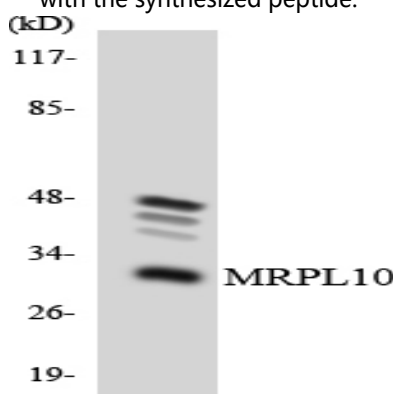
Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic 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. Sequence analysis identified three transcript variants that encode two different isoforms. A pseudogene corresponding to this gene is found on chromosome 5q. [provided by RefSeq, Nov 2010], similarity: Belongs to the ribosomal protein L10P family., subunit: Component of the mitochondrial ribosome large subunit (39S) which comprises a 16S rRNA and about 50 distinct proteins.,

研究领域 (Research Area)

图片 (Image Data)

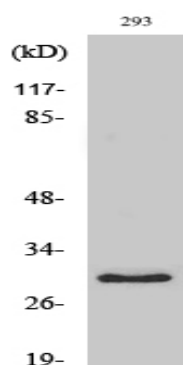


Western blot analysis of lysates from 293, HepG2, and COLO cells, using MRPL10 Antibody. The lane on the right is blocked with the synthesized peptide.

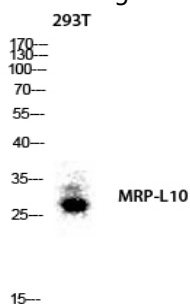


Western blot analysis of the lysates from HT-29 cells using MRPL10 antibody.

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Western Blot analysis of various cells using MRP-L10 Polyclonal Antibody diluted at 1: 1000



Western blot analysis of 293T lysis using MRP-L10 antibody. Antibody was diluted at 1:1000

注意事项 (Note)

For research use only .