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MRPS7 Antibody

货号: **AYP5719**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
理论分子量	28kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,A-549,HT-29,Mouse liver,Mouse kidney,Rat liver,Rat kidney
细胞定位	mitochondrial inner membrane
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human MRPS7.
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靶点信息

研究背景	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. In the prokaryotic ribosome, the comparable protein is thought to play an essential role in organizing the 3' domain of the 16S rRNA in the vicinity of the P- and A-sites. Pseudogenes corresponding to this gene are found on chromosomes 8p and 12p.
基因ID	51081
基因名	MRPS7
Swiss	Q9Y2R9 (https://www.uniprot.org/uniprotkb/Q9Y2R9/entry)
别名	MRPS7,MRP-S,MRP-S7,RP-S7,RPMS7,S7mt,bMRP27a,MRPS7 Antibody,28S ribosomal protein S7,mitochondrial,bMRP-27a

产品验证

实验步骤

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