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MRPL24 Rabbit pAb

货号: **AYP13574**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens,Mus musculus
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	24kDa
实测分子量	25kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,SKOV3,MCF7,Mouse heart,Rat testis,Rat kidney,Rat liver
细胞定位	Mitochondrion
纯化	Affinity purification

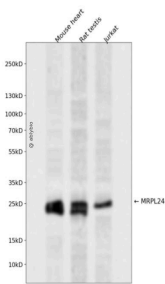
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-216 of human MRPL24 (NP_078816.2).
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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 39S subunit protein which is more than twice the size of its E.coli counterpart (EcoL24). Sequence analysis identified two transcript variants that encode the same protein.
基因ID	79590
基因名	MRPL24
Swiss	Q96A35 (https://www.uniprot.org/uniprotkb/Q96A35/entry)
别名	MRPL24,L24mt,MRP-L18,MRP-L24,MRPL24 Rabbit pAb,39S ribosomal protein L24,mitochondrial

产品验证



Western blot analysis of MRPL24 expressed in Mouse heart,Rat testis,Jurkat using MRPL24 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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