— ABLYBIO, Help Your Research

MRPS31 Rabbit mAb

货号: AYM30311

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	45kDa
实测分子量	37kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,HepG2,HeLa,Mouse heart,Rat liver
细胞定位	Mitochondrion
纯化	Affinity purification

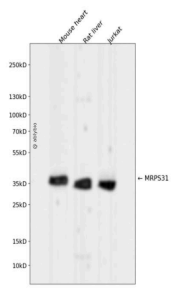
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human MRPS31.

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 l arge 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribo somes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryo tic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the m itoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy rec ognition by sequence homology. The 28S subunit of the mammalian mitoribosome may play a crucial and characteristic role in translation initiation. This gene encodes a 28S subunit protein that has also been as sociated with type 1 diabetes; however, its relationship to the etiology of this disease remains to be clarif ied. Pseudogenes corresponding to this gene have been found on chromosomes 3 and 13.
基因ID	10240
基因名	MRPS31
Swiss	Q92665 (https://www.uniprot.org/uniprotkb/Q92665/entry)
别名	MRPS31,MRPS31 Rabbit mAb,28S ribosomal protein S31,mitochondrial,Imogen 38,IMOGN38

产品验证



Western blot analysis of MRPS31 expressed in Mouse heart,Rat liver,Jurkat using MRPS31 Rabbit mAb 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

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)