

兔抗 MRPS31 多克隆抗体

- 中文名称：兔抗 MRPS31 多克隆抗体
- 英文名称：Anti-MRPS31 rabbit polyclonal antibody
- 别名：mitochondrial ribosomal protein S31; S31mt; IMOGN38; MRP-S31
- 相关类别：一抗
- 储存：冷冻（-20℃）
- 宿主：Rabbit
- 抗原：MRPS31
- 反应种属：Human
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

技术规格

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. 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 associated with type 1

	diabetes; however, its relationship to the etiology of this disease remains to be clarified. Pseudogenes corresponding to this gene have been found on chromosomes 3 and 13.
Applications:	ELISA, IHC
Name of antibody:	MRPS31
Immunogen:	Fusion protein of human MRPS31
Full name:	mitochondrial ribosomal protein S31
Synonyms:	S31mt; IMOGN38; MRP-S31
SwissProt:	Q92665
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human thyroid cancer and Human tonsil
IHC Recommend dilution:	150-300



