

兔抗 MRPL18 多克隆抗体

中文名称：兔抗 MRPL18 多克隆抗体

英文名称：Anti-MRPL18 rabbit polyclonal antibody

别名：L18mt; HSPC071; MRP-L18

抗原：MRPL18

储存：冷冻（-20℃）避光

宿主：Rabbit

反应种属：Human

相关类别：一抗

标记物：Unconjugate

克隆类型：Unconjugate

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. This gene encodes a 39S subunit protein that belongs to the L18P ribosomal protein family. Three polymorphic sites exist in this gene, one of which is three nt in

	length which causes an extra aa near the N-terminus.
Applications:	WB
Name of antibody:	MRPL18
Immunogen:	Synthesized peptide derived from internal of human MRPL18.
Full name:	mitochondrial ribosomal protein L18
Synonyms :	L18mt; HSPC071; MRP-L18
SwissProt:	Q9H0U6
WB Predicted band size:	21 kDa
WB Positive control:	HT-29 cells lysate
WB Recommended dilution:	500-3000

