

兔抗 MRPL42 多克隆抗体

中文名称：兔抗 MRPL42 多克隆抗体

英文名称：Anti-MRPL42 rabbit polyclonal antibody

别名：mitochondrial ribosomal protein L42; L31MT; L42MT; S32MT; MRPL31; MRPS32; PTD007; RPML31; HSPC204; MRP-L31; MRP-L42; MRP-S32

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：MRPL42

反应种属：Human, Rat

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. This gene encodes a protein identified as belonging to both the 28S and the 39

	S subunits. Alternative splicing results in multiple transcript variants. Pseudogenes corresponding to this gene are found on chromosomes 4q, 6p, 6q, 7p, and 15q.
Applications:	ELISA, WB, IHC
Name of antibody:	MRPL42
Immunogen:	Fusion protein of human MRPL42
Full name:	mitochondrial ribosomal protein L42
Synonyms:	L31MT; L42MT; S32MT; MRPL31; MRPS32; PTD007; RPML31; HSPC204; MRP-L31; MRP-L42; MRP-S32
SwissProt:	Q9Y6G3
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human cervical cancer and Human colorectal cancer
IHC Recommend dilution:	50-200
WB Predicted band size:	17 kDa
WB Positive control:	Jurkat, HepG2, Hela and Raji cell lysates
WB Recommended dilution:	1000-5000



