

## 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 some

	etimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a protein identified as belonging to both the 28S and the 39S subunits. Alternative splicing results in multiple transcript variants. Pseudogenes corresponding to this gene are found on chromosomes 4q, 6p, 6q, 7p, and 15q.
<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	MRPL42
<b>Immunogen:</b>	Fusion protein of human MRPL42
<b>Full name:</b>	mitochondrial ribosomal protein L42
<b>Synonyms:</b>	L31MT; L42MT; S32MT; MRPL31; MRPS32; PTD007; RPML31; HSPC204; MRP-L31; MRP-L42; MRP-S32
<b>SwissProt:</b>	Q9Y6G3
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human cervical cancer and Human colorectal cancer
<b>IHC Recommend dilution:</b>	50-200
<b>WB Predicted band size:</b>	17 kDa
<b>WB Positive control:</b>	Jurkat, HepG2, Hela and Raji cell lysates
<b>WB Recommended dilution:</b>	1000-5000



