

## 兔抗 MRPS12 多克隆抗体

- 中文名称：兔抗 MRPS12 多克隆抗体
- 英文名称：Anti-MRPS12 rabbit polyclonal antibody
- 别名：RPS12; RPMS12; RPSM12; MPR-S12; MT-RPS12
- 抗原：MRPS12
- 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 28S subunit protein that belongs to the ribosomal protein S12P family. The enc

	<p>oded protein is a key component of the ribosomal small s ubunit and controls the decoding fidelity and susceptibility to aminoglycoside antibiotics. The gene for mitochondrial seryl-tRNA synthetase is located upstream and adjacent to t his gene, and both genes are possible candidates for the a utosomal dominant deafness gene (DFNA4). Splice variants that differ in the 5' UTR have been found for this gene; all three variants encode the same protein.</p>
<b>Applications:</b>	WB
<b>Name of antibody:</b>	MRPS12
<b>Immunogen:</b>	Synthesized peptide derived from internal of human MRPS12.
<b>Full name:</b>	mitochondrial ribosomal protein S12
<b>Synonyms :</b>	RPS12; RPMS12; RPSM12; MPR-S12; MT-RPS12
<b>SwissProt:</b>	O15235
<b>WB Predicted band size:</b>	15 kDa
<b>WB Positive control:</b>	K562 cells lysate
<b>WB Recommended dilution:</b>	500-3000

