

## 兔抗 MRPS16 多克隆抗体

- 中文名称：兔抗 MRPS16 多克隆抗体
- 英文名称：Anti-MRPS16 rabbit polyclonal antibody
- 别名：COXPD2; RPMS16; CGI-132; MRP-S16
- 抗原：MRPS16
- 储存：冷冻（-20℃）避光
- 宿主：Rabbit
- 相关类别：一抗
- 反应种属：Human Mouse
- 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 S16P family. The encoded protein is one of

	the most highly conserved ribosomal proteins between mammalian and yeast mitochondria. Three pseudogenes (located at 8q21.3, 20q13.32, 22q12-q13.1) for this gene have been described.
<b>Applications:</b>	WB, IHC
<b>Name of antibody:</b>	MRPS16
<b>Immunogen:</b>	Synthesized peptide derived from internal of human MRP S16.
<b>Full name:</b>	mitochondrial ribosomal protein S16
<b>Synonyms :</b>	COXPD2; RPMS16; CGI-132; MRP-S16
<b>SwissProt:</b>	Q9Y3D3
<b>IHC positive control:</b>	Human tonsil tissue
<b>IHC Recommend dilution:</b>	50-100
<b>WB Predicted band size:</b>	15 kDa
<b>WB Positive control:</b>	HepG2 cells lysate
<b>WB Recommended dilution:</b>	500-3000



