

**产品名称: MRP-S36 Rabbit Polyclonal Antibody**  
**产品货号: APRab14157**



## 产品概述 (Summary)

|                        |                                    |
|------------------------|------------------------------------|
| 产品名称 (Production Name) | MRP-S36 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody         |
| 宿主 (Host)              | Rabbit                             |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA                |
| 种属反应性 (Reactivity)     | Human,Rat,Mouse                    |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | MRPS36                                                                                                 |
| 别名 (Alternative Names) | MRPS36; DC47; 28S ribosomal protein S36; mitochondrial; MRP-S36; S36mt                                 |
| 基因 ID (Gene ID)        | 92259.0                                                                                                |
| 蛋白 ID (SwissProt ID)   | P82909.The antiserum was produced against synthesized peptide derived from human MRPS36. AA range:4-53 |

## 产品应用 (Application)

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 15kDa                                                                  |

## 研究背景 (Background)

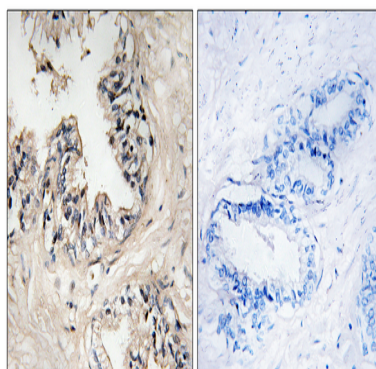
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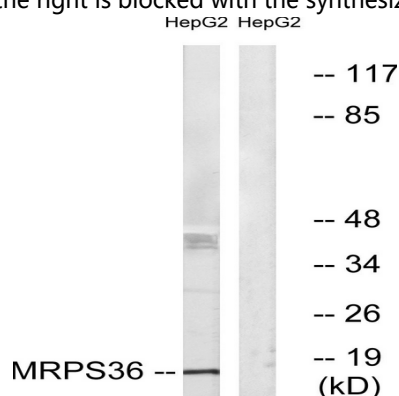
Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. The mitochondrial ribosome (mitoribosome) consists of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic 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. Pseudogenes corresponding to this gene are found on chromosomes 3p, 4q, 8p, 11q, 12q, and 20p. [provided by RefSeq, Jul 2008],subunit:Component of the mitochondrial ribosome small subunit (28S) which comprises a 12S rRNA and about 30 distinct proteins.,

## 研究领域 (Research Area)

## 图片 (Image Data)

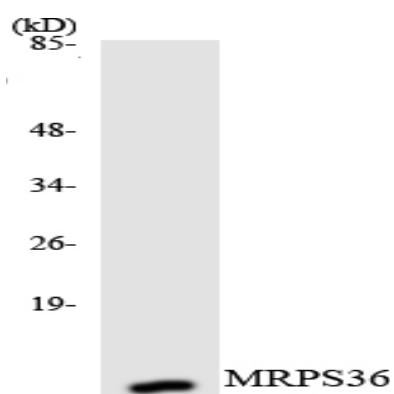


Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using MRPS36 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using MRPS36 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from K562 cells using MRPS36 antibody.



Western Blot analysis of various cells using MRP-S36 Polyclonal Antibody

### 注意事项 (Note)

For research use only .