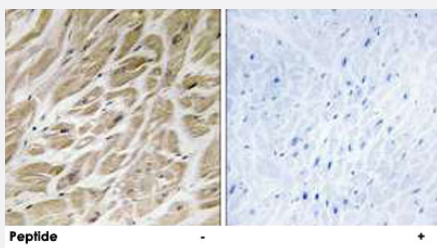


# MRPS24 polyclonal antibody

Catalog # PAB17558      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using MRPS24 polyclonal antibody (Cat # PAB17558).

Peptide "+" means "with peptide blocking".

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of MRPS24.

**Immunogen** A synthetic peptide corresponding to internal of human MRPS24.

**Host** Rabbit

**Reactivity** Human, Mouse, Rat

**Specificity** This antibody detects endogenous levels of total MRPS24 protein.

**Form** Liquid

**Recommend Usage** Immunohistochemistry (1:50-1:100)  
ELISA (1:40000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)

**Storage Instruction** Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using MRPS24 polyclonal antibody (Cat # PAB17558).

Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — MRPS24

Entrez GeneID	<a href="#">64951</a>
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Protein Accession#	<a href="#">Q96EL2</a>
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Gene Name	MRPS24
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Gene Alias	HSPC335, MRP-S24
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Gene Description	mitochondrial ribosomal protein S24
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Gene Ontology	<a href="#">Hyperlink</a>
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Gene Summary	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. A pseudogene corresponding to this gene is found on chromosome 11. [provided by RefSeq]
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Other Designations	mitochondrial 28S ribosomal protein S24
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