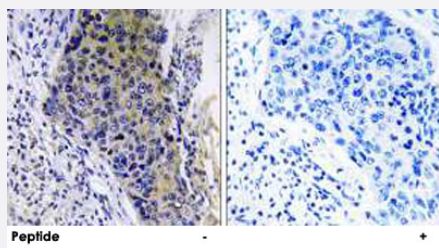


# MRPL34 polyclonal antibody

Catalog # PAB17563      Size 100 ug

## Applications



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

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using MRPL34 polyclonal antibody (Cat # PAB17563).

Peptide "+" means "with peptide blocking".

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of MRPL34.

**Immunogen** A synthetic peptide corresponding to internal of human MRPL34.

**Host** Rabbit

**Reactivity** Human, Mouse

**Specificity** This antibody detects endogenous levels of total MRPL34 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 lung carcinoma tissue using MRPL34 polyclonal antibody (Cat # PAB17563).

Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — MRPL34

Entrez GeneID	<a href="#">64981</a>
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Protein Accession#	<a href="#">Q9BQ48</a>
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Gene Name	MRPL34
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Gene Alias	L34mt, MGC24974, MGC2633
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Gene Description	mitochondrial ribosomal protein L34
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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 28 S 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 39S subunit protein. [provided by RefSeq]
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Other Designations	-
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