

For Research Use Only

# MRPL36 Polyclonal antibody

Catalog Number: 16625-1-AP



## Basic Information

Catalog Number:

16625-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9925

GenBank Accession Number:

BC020642

GeneID (NCBI):

64979

UNIPROT ID:

Q9P0J6

Full Name:

mitochondrial ribosomal protein L36

Calculated MW:

103 aa, 12 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

## Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

IHC : human testis tissue, human colon tissue

## Background Information

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. MRP-L36 (mitochondrial ribosomal protein L36) is a 103 amino acid protein that localizes to the mitochondrion, where it exists as a component of the 39S ribosomal subunit and works in conjunction with other MRPs to mediate protein synthesis.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

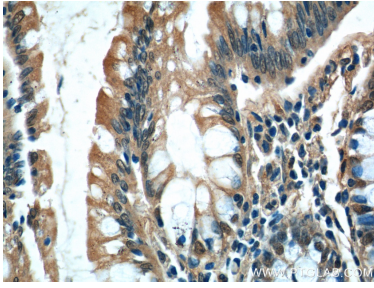
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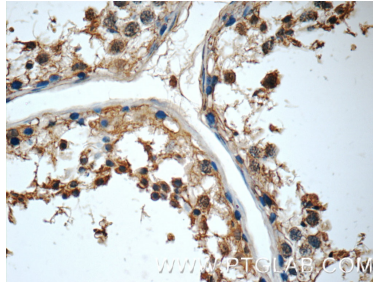
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 16625-1-AP (MRPL36 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 16625-1-AP (MRPL36 Antibody) at dilution of 1:50 (under 40x lens).