For Research Use Only

MRPL36 Polyclonal antibody

Catalog Number:16625-1-AP

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
16625-1-AP

Size:
450 μg/ml

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

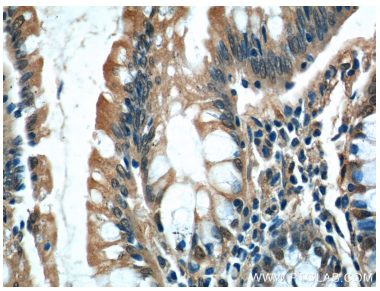
Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. MRP-L36 (mitochondrial ribosomal protein L36) is a 103 amino acid protein that 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

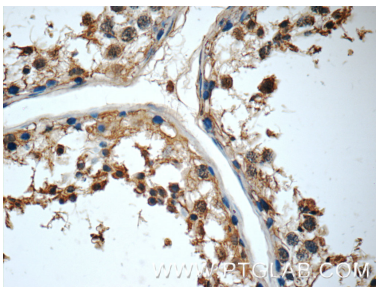
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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).