

For Research Use Only

MRPL36 Polyclonal antibody

Catalog Number: 16625-1-AP



Basic Information

Catalog Number: 16625-1-AP	GenBank Accession Number: BC020642	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64979	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	Full Name: mitochondrial ribosomal protein L36	
Isotype: IgG	Calculated MW: 103 aa, 12 kDa	
Immunogen Catalog Number: AG9925		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human testis tissue, human colon tissue
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	

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

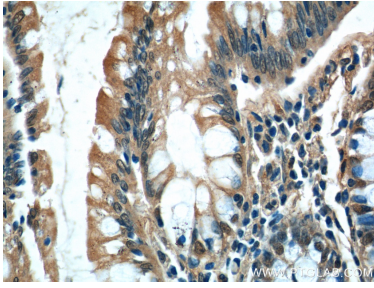
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

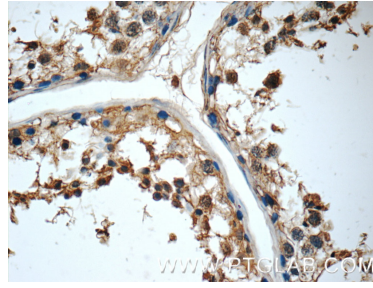
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).