

For Research Use Only

# MRPL50 Polyclonal antibody

Catalog Number:17213-1-AP



## Basic Information

|   |  |  |
|---|--|--|
| <b>Catalog Number:</b><br>17213-1-AP                          | <b>GenBank Accession Number:</b><br>BC032008             | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>150ul , Concentration: 300 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>54534                           | <b>Recommended Dilutions:</b><br>WB 1:500-1:2000<br>IHC 1:50-1:500 |
| <b>Source:</b><br>Rabbit                                      | <b>UNIPROT ID:</b><br>Q8N5N7                             |  |
| <b>Isotype:</b><br>IgG  | <b>Full Name:</b><br>mitochondrial ribosomal protein L50 |  |
| <b>Immunogen Catalog Number:</b><br>AG10996                   | <b>Calculated MW:</b><br>158 aa, 18 kDa                  |  |
|   | <b>Observed MW:</b><br>18 kDa                            |  |

## Applications

|   |   |
|---|---|
| <b>Tested Applications:</b><br>WB, IHC, ELISA | <b>Positive Controls:</b><br>WB : HT-1080 cells, HeLa cells, HepG2 cells<br>IHC : human liver tissue, |
| <b>Species Specificity:</b><br>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

MRPL50, also named as L50mt, is a mitochondrial protein with MW 18 kDa.

## 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

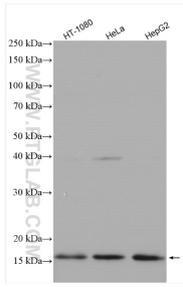
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

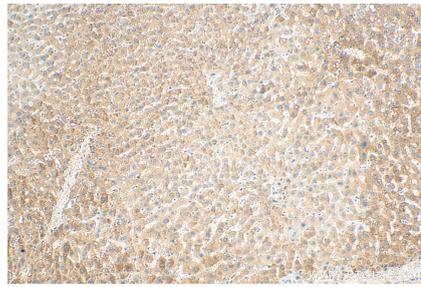
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17213-1-AP (MRPL50 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 17213-1-AP (MRPL50 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).