

For Research Use Only

# MRPL50 Polyclonal antibody

Catalog Number: 17213-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HT-1080 cells, HeLa cells, HepG2 cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human liver tissue,

## Background Information

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

## Storage

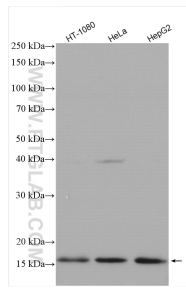
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

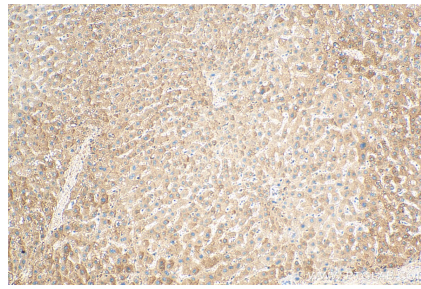
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



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).