

For Research Use Only

# MRPS14 Polyclonal antibody

Catalog Number: 16301-1-AP

6 Publications



## Basic Information

### Catalog Number:

16301-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9018

### GenBank Accession Number:

BC009788

### GeneID (NCBI):

63931

### UNIPROT ID:

O60783

### Full Name:

mitochondrial ribosomal protein S14

### Calculated MW:

128 aa, 15 kDa

### Observed MW:

15 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

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:

WB : mouse liver tissue,

IHC : mouse liver tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Luis Daniel Cruz-Zaragoza	34672953	Cell	WB
Hauke S Hillen	34135319	Nat Commun	WB
Sven Dennerlein	34969438	Elife	WB

## 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

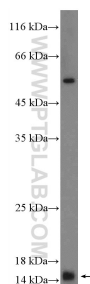
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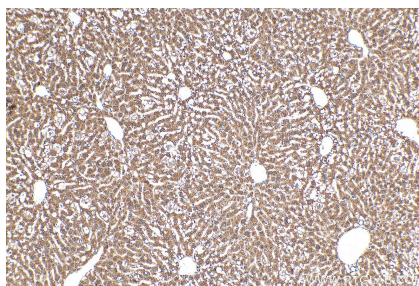
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## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 16301-1-AP (MRPS14 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 16301-1-AP (MRPS14 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).