

For Research Use Only

# MRPL38 Polyclonal antibody

Catalog Number: 15913-1-AP

3 Publications



## Basic Information

Catalog Number:

15913-1-AP

Size:

720 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8706

GenBank Accession Number:

BC013311

GeneID (NCBI):

64978

UNIPROT ID:

Q96DV4

Full Name:

mitochondrial ribosomal protein L38

Calculated MW:

346 aa, 41 kDa

Observed MW:

37-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, FC (Intra), ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

mouse, rat

**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 brain tissue,

IHC : human liver tissue, mouse brain tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Mustafa Bilal Bayazit	35830789	Cell Rep	WB
Jana Key	38139332	Int J Mol Sci	WB
Takeshi Tanaka	30726815	J Toxicol Sci	IHC

## 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:

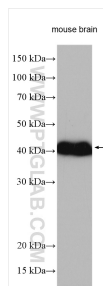
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

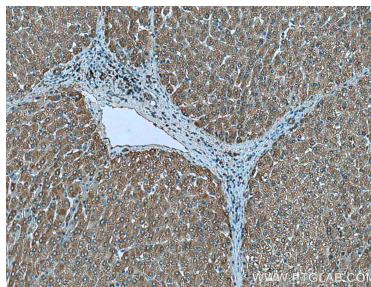
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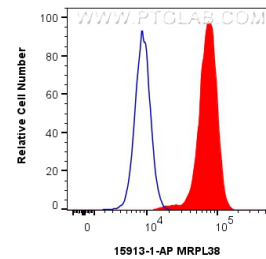
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 15913-1-AP (MRPL38 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 15913-1-AP (MRPL38 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.5 ug MRPL38 Polyclonal antibody (15913-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.5 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).