

For Research Use Only

# MRPL55 Polyclonal antibody

Catalog Number: 17679-1-AP

3 Publications



## Basic Information

Catalog Number:

17679-1-AP

Size:

750 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11716

GenBank Accession Number:

BC052806

GeneID (NCBI):

128308

UNIPROT ID:

Q7Z7F7

Full Name:

mitochondrial ribosomal protein L55

Calculated MW:

128 aa, 15 kDa

Observed MW:

13 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

**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 : HEK-293 cells,

IP : HEK-293 cells,

IHC : human colon cancer tissue, human kidney tissue

## Background Information

MRPL55, also named as L55mt and MRP-L55, is a component of the mitochondrial ribosome large subunit (39S). It acts dynamically in the cell during development. The MW of MRPL55 is about 13 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Katarzyna Justyna Chojnacka	35080992	Mol Biol Cell	WB
Praveenraj Elanchelian	39630581	Cell Rep	WB
Liang Wang	37971521	Cell Mol Life Sci	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

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

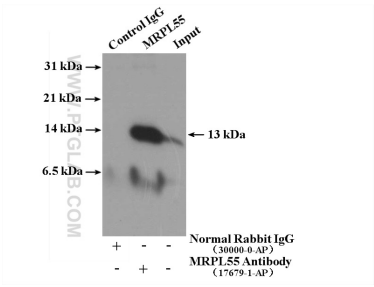
T: 4006900926

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

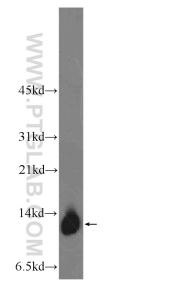
W: [ptgcn.com](http://ptgcn.com)

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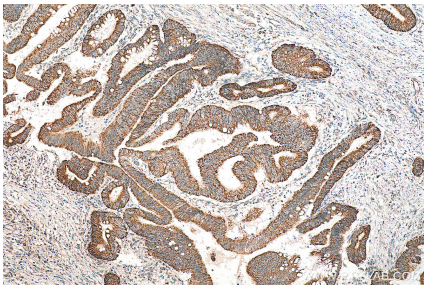
Selected Validation Data



IP result of anti-MRPL55 (IP:17679-1-AP, 4ug;  
Detection:17679-1-AP 1:600) with HEK-293 cells  
lysate 1680 ug.



HEK-293 cells were subjected to SDS PAGE  
followed by western blot with 17679-1-AP (MRPL55  
Antibody) at dilution of 1:600 incubated at room  
temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-  
embedded human colon cancer tissue slide using  
17679-1-AP (MRPL55 antibody) at dilution of 1:200  
(under 10x lens). Heat mediated antigen retrieval  
with Tris-EDTA buffer (pH 9.0).