

For Research Use Only

MRPL40 Polyclonal antibody

Catalog Number: 16767-1-AP



Basic Information

Catalog Number:

16767-1-AP

Size:

150ul, Concentration: 1200 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10341

GenBank Accession Number:

BC009707

GeneID (NCBI):

64976

UNIPROT ID:

Q9NQ50

Full Name:

mitochondrial ribosomal protein L40

Calculated MW:

206 aa, 24 kDa

Observed MW:

18-24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

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

IHC 1:50-1:500

IF/ICC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Species Specificity:

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: A549 cells, HeLa cells, HepG2 cells, K-562 cells

IP: HeLa cells,

IHC: human ovary cancer tissue,

IF/ICC: HeLa cells,

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

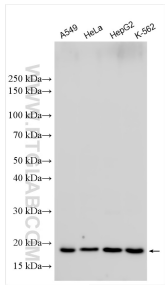
For technical support and original validation data for this product please contact:

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

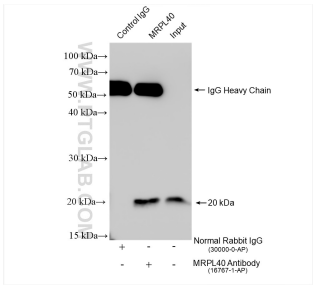
E: proteintech@ptglab.com
W: ptglab.com

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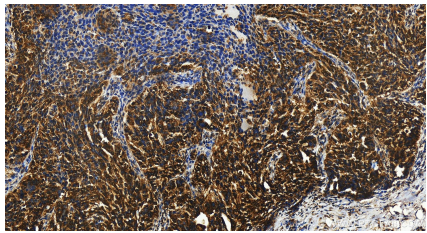
Selected Validation Data



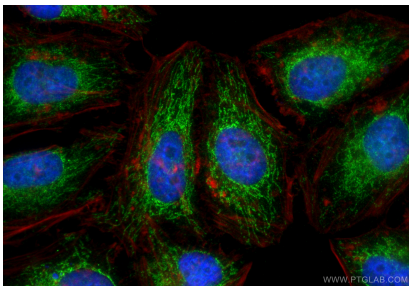
Various lysates were subjected to SDS PAGE followed by western blot with 16767-1-AP (MRPL40 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-MRPL40 (IP:16767-1-AP, 4ug; Detection:16767-1-AP 1:2000) with HeLa cells lysate 1920 ug.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 16767-1-AP (MRPL40 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MRPL40 antibody (16767-1-AP) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).