

For Research Use Only

MRPL54 Polyclonal antibody

Catalog Number: 17683-1-AP



Basic Information

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| Catalog Number: 17683-1-AP | GenBank Accession Number: BC065273 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 116541 | Recommended Dilutions: WB 1:500-1:1000 |
| Source: Rabbit | UNIPROT ID: Q6P161 | IHC 1:20-1:200 |
| Isotype: IgG | Full Name: mitochondrial ribosomal protein L54 | IF/ICC 1:50-1:500 |
| Immunogen Catalog Number: AG11782 | Calculated MW: 138 aa, 16 kDa | |
| | Observed MW: 16 kDa | |

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
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 : mouse liver tissue,

IHC : human skin cancer tissue, human oesophagus 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

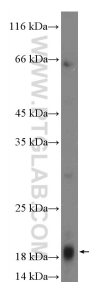
For technical support and original validation data for this product please contact:

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

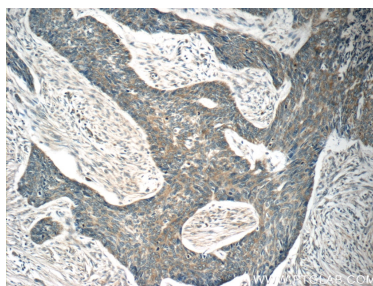
E: proteintech@ptglab.com
W: ptglab.com

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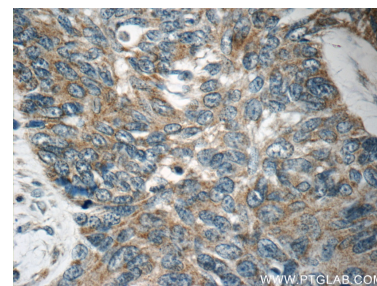
Selected Validation Data



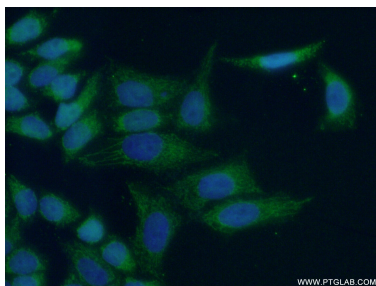
mouse liver tissue were subjected to SDS PAGE followed by western blot with 17683-1-AP (MRPL54 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 17683-1-AP (MRPL54 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 17683-1-AP (MRPL54 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 17683-1-AP (MRPL54 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).