

For Research Use Only

MRPL42 Polyclonal antibody

Catalog Number: 17300-1-AP



Basic Information

Catalog Number: 17300-1-AP	GenBank Accession Number: BC040240	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 28977	Recommended Dilutions: WB 1:500-1:3000 IHC 1:500-1:2000 IF 1:200-1:800
Source: Rabbit	Full Name: mitochondrial ribosomal protein L42	
Isotype: IgG	Calculated MW: 142 aa, 17 kDa	
Immunogen Catalog Number: AG11181	Observed MW: 14-17 kDa	

Applications

Tested Applications:

IF, IHC, WB, 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: HeLa cells, HepG2 cells, MCF-7 cells, Jurkat cells, PC-3 cells

IHC: human breast cancer tissue,

IF: HeLa cells,

Background Information

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

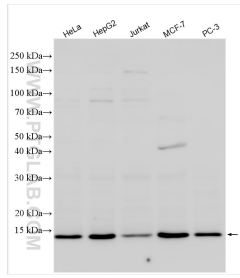
For technical support and original validation data for this product please contact:

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

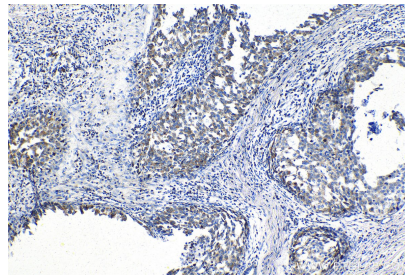
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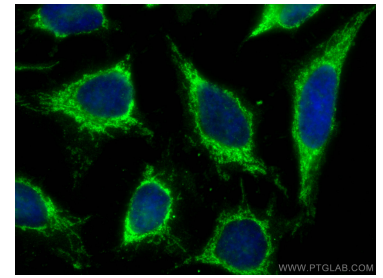
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17300-1-AP (MRPL42 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17300-1-AP (MRPL42 antibody) at dilution of 1:1000 (under 10x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using MRPL42 antibody (17300-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).