

For Research Use Only

MRPL23 Polyclonal antibody

Catalog Number: 11706-1-AP **7 Publications**



Basic Information

Catalog Number: 11706-1-AP	GenBank Accession Number: BC027710	Purification Method: Antigen affinity purification
Size: 300 µg/ml	GeneID (NCBI): 6150	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF/ICC 1:10-1:100
Source: Rabbit	UNIPROT ID: Q16540	
Isotype: IgG	Full Name: mitochondrial ribosomal protein L23	
Immunogen Catalog Number: AG2220	Calculated MW: 153 aa, 18 kDa	
	Observed MW: 18 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : A2780 cells, HEK-293 cells, HeLa cells, MCF-7 cells, PC-3 cells IHC : human liver cancer tissue, IF/ICC : PC-3 cells, MCF-7 cells
Cited Applications: WB	
Species Specificity: human	
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	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Uwe Richter	26504172	J Cell Biol	WB
Christopher B Jackson	30358850	Hum Mol Genet	WB
Ruona Shi	34774773	Genomics Proteomics Bioinformatics	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:

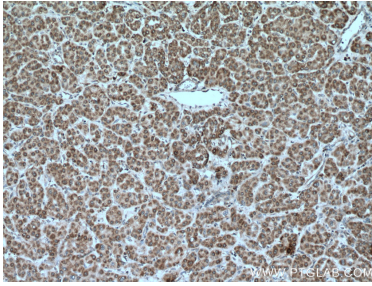
T: 4006900926

E: Proteintech-CN@ptglab.com

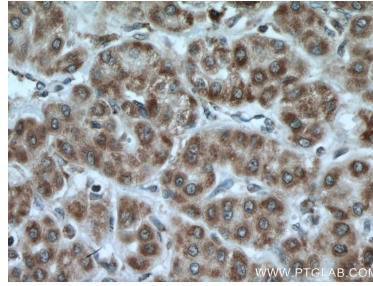
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



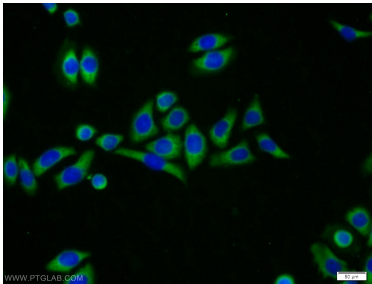
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11706-1-AP (MRPL23 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11706-1-AP (MRPL23 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



A2780 cells were subjected to SDS PAGE followed by western blot with 11706-1-AP (MRPL23 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of PC-3 cells using 11706-1-AP (MRPL23 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).