

For Research Use Only

MRPL10 Polyclonal antibody

Catalog Number: 16652-1-AP **1 Publications**



Basic Information

Catalog Number: 16652-1-AP	GenBank Accession Number: BC052601	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 124995	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q7Z7H8	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: mitochondrial ribosomal protein L10	IHC 1:20-1:200
Immunogen Catalog Number: AG10087	Calculated MW: 261 aa, 29 kDa	IF 1:50-1:500
	Observed MW: 29 kDa	

Applications

Tested Applications: IF/ICC, IHC, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, HEK-293 mitochondrial
Cited Applications: WB	IP : mouse liver tissue,
Species Specificity: human, mouse, rat	IHC : human testis tissue,
Cited Species: human	IF : HepG2 cells,
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
Luis Daniel Cruz-Zaragoza	34672953	Cell	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:

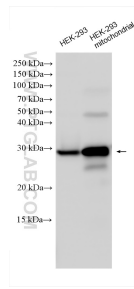
T: 4006900926

E: Proteintech-CN@ptglab.com

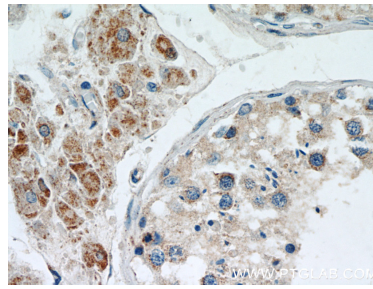
W: ptgcn.com

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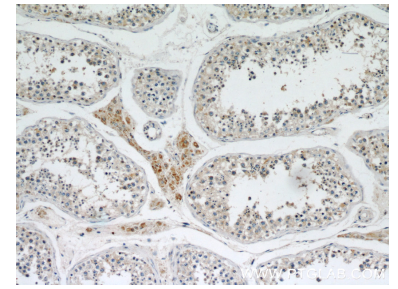
Selected Validation Data



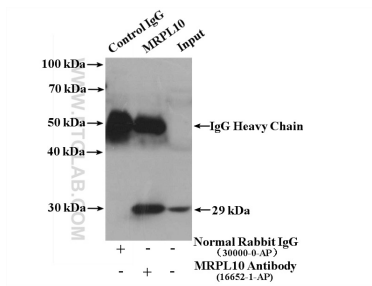
Various lysates were subjected to SDS PAGE followed by western blot with 16652-1-AP (MRPL10 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



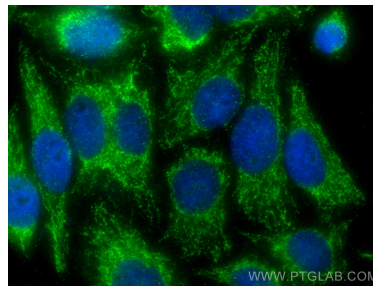
Immunohistochemical analysis of paraffin-embedded human testis using 16652-1-AP (MRPL10 antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 16652-1-AP (MRPL10 antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-MRPL10 (IP:16652-1-AP, 4ug; Detection:16652-1-AP 1:300) with mouse liver tissue lysate 6000 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using MRPL10 antibody (16652-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).