

For Research Use Only

MRPL28 Polyclonal antibody

Catalog Number: 21604-1-AP **2 Publications**



Basic Information

Catalog Number: 21604-1-AP	GenBank Accession Number: BC000990	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10573	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: mitochondrial ribosomal protein L28	IHC 1:20-1:200 IF 1:200-1:800
Isotype: IgG	Calculated MW: 30 kDa	
Immunogen Catalog Number: AG16224	Observed MW: 30 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: HEK-293T cells, HeLa cells, HepG2 cells, mouse kidney tissue, rat kidney tissue, JAR cells
Species Specificity: human, mouse, rat	IP: mouse brain tissue,
Cited Species: human	IHC: human kidney tissue, human testis tissue
	IF: HeLa 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
Zhishan Wu	37257705	J Ethnopharmacol	WB
Sumudu S C Amarasekera	37133451	Hum Mol Genet	WB

Storage

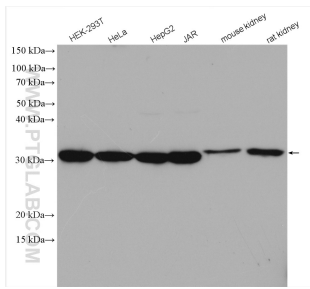
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

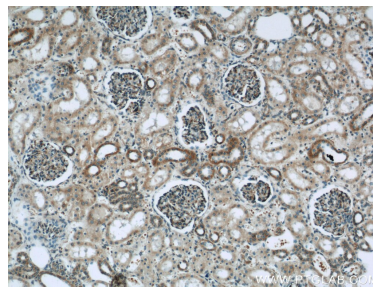
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

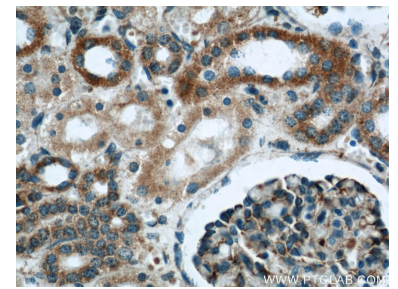
Selected Validation Data



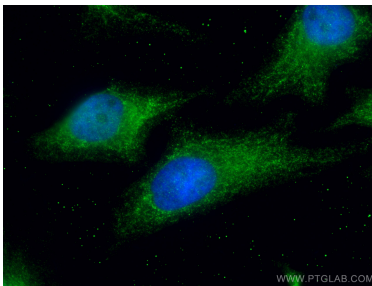
Various lysates were subjected to SDS PAGE followed by western blot with 21604-1-AP (MRPL28 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



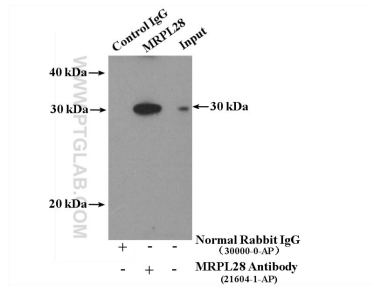
Immunohistochemical analysis of paraffin-embedded human kidney using 21604-1-AP (MRPL28 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 21604-1-AP (MRPL28 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MRPL28 antibody (21604-1-AP) at dilution of 1:400 and CoralLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-MRPL28 (IP:21604-1-AP, 4ug; Detection:21604-1-AP 1:500) with mouse brain tissue lysate 4000ug.