

For Research Use Only

# RPL7L1 Polyclonal antibody

Catalog Number: 16707-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 16707-1-AP	<b>GenBank Accession Number:</b> BC058020	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 285855	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> ribosomal protein L7-like 1	<b>IHC 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 246 aa, 29 kDa	<b>IF 1:10-1:100</b>
<b>Immunogen Catalog Number:</b> AG10106	<b>Observed MW:</b> 29 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, IP, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> HEK-293T cells, HeLa cells, HepG2 cells, MCF-7 cells
<b>Species Specificity:</b> human, mouse, rat	<b>IP :</b> HepG2 cells,
<b>Cited Species:</b> human, mouse	<b>IHC :</b> human liver cancer tissue,
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IF :</b> MCF-7 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Olga Gourdomichali	35205152	Biology (Basel)	WB
Mio Iwasaki	35573189	iScience	WB
Maserati Marc M	23211737	Zygote	

## Storage

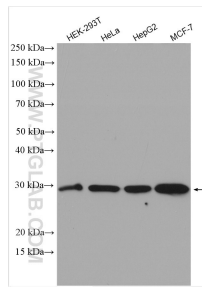
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

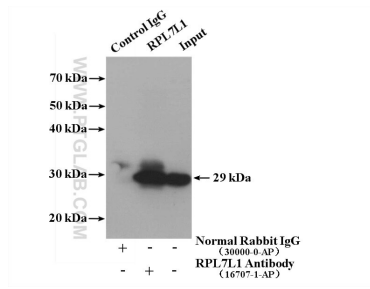
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

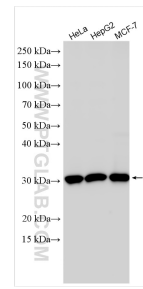
## Selected Validation Data



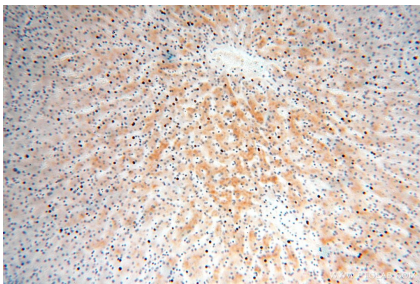
Various lysates were subjected to SDS PAGE followed by western blot with 16707-1-AP (RPL7L1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



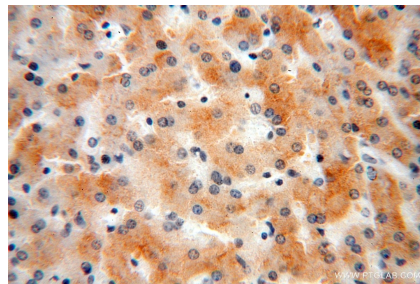
IP result of anti-RPL7L1 (IP:16707-1-AP, 4ug; Detection:16707-1-AP 1:1000) with HepG2 cells lysate 2240 ug.



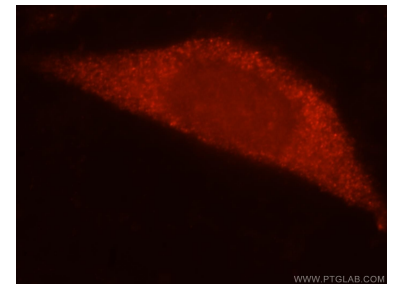
Various lysates were subjected to SDS PAGE followed by western blot with 16707-1-AP (RPL7L1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer using 16707-1-AP (RPL7L1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 16707-1-AP (RPL7L1 antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of MCF-7 cells, using RPL7L1 antibody 16707-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).