

For Research Use Only

# RPL27 Polyclonal antibody

Catalog Number: 14980-1-AP **7 Publications**



## Basic Information

<b>Catalog Number:</b> 14980-1-AP	<b>GenBank Accession Number:</b> BC001700	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6155	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P61353	
<b>Isotype:</b> IgG	<b>Full Name:</b> ribosomal protein L27	
<b>Immunogen Catalog Number:</b> AG6893	<b>Calculated MW:</b> 16 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

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

## Background Information

RPL27, also named as 60S ribosomal protein L27, is a 136 amino acid protein, which contains one KOW domain and belongs to the ribosomal protein L27e family. The function of RPL27 is still non-known. RPL27 may play a role in protein translation. Like most ribosomal proteins, Ribosomal Protein L27 exists as multiple processed pseudogenes that are scattered throughout the genome.

## Notable Publications

Author	Pubmed ID	Journal	Application
Muhammad U Cheema	24303148	Physiol Rep	WB
Zhenyuan Wei	35615641	J Orthop Translat	WB,IHC
James P Hewitson	30833344	EMBO Rep	WB

## Storage

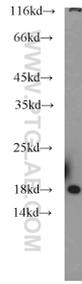
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

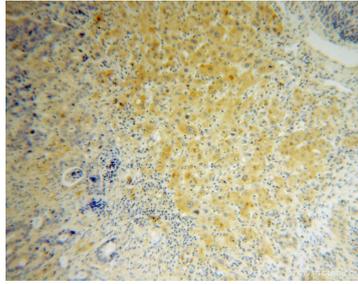
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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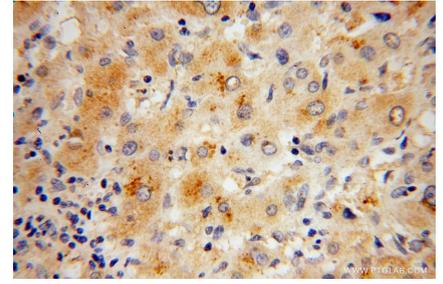
## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 14980-1-AP (RPL27 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer using 14980-1-AP (RPL27 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 14980-1-AP (RPL27 antibody) at dilution of 1:100 (under 40x lens).