

For Research Use Only

# RPL3 Recombinant antibody

Catalog Number: 82815-1-RR



## Basic Information

<b>Catalog Number:</b> 82815-1-RR	<b>GenBank Accession Number:</b> BC012786	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 250 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6122	<b>CloneNo.:</b> 3P18
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P39023	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF/ICC 1:120-1:480
<b>Isotype:</b> IgG	<b>Full Name:</b> ribosomal protein L3	
<b>Immunogen Catalog Number:</b> AG1436	<b>Calculated MW:</b> 46/27 kDa	

## Applications

<b>Tested Applications:</b> IHC, IF/ICC, FC (Intra), ELISA	<b>Positive Controls:</b> IHC : human placenta tissue, IF/ICC : HepG2 cells,
<b>Species Specificity:</b> human	
<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

Ribosomes, the complexes that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPL3, also named as TARBP-B and MGC104284, belongs to the ribosomal protein L3P family. This protein is a component of the 60S subunit. It can bind to the HIV-1 TAR mRNA, and it has been suggested that the protein contributes to tat-mediated transactivation. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

## Storage

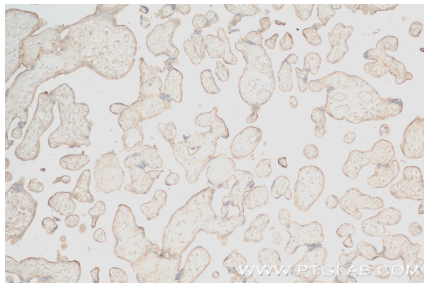
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

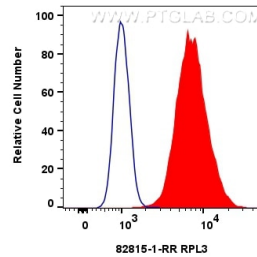
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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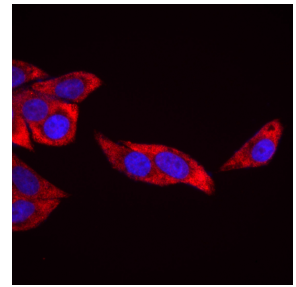
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 82815-1-RR (RPL3 antibody) at dilution of 1:0 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug RPL3 Recombinant antibody (82815-1-RR, Clone:3P18) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RPL3 antibody (82815-1-RR, Clone: 3P18 ) at dilution of 1:240 and Multi-rAb CoraLite ® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004).