

For Research Use Only

# RPL3 Recombinant antibody, PBS Only

Catalog Number: 82815-1-PBS



## Basic Information

Catalog Number:	82815-1-PBS	GenBank Accession Number:	BC012786	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	6122	CloneNo.:	3P18
Source:	Rabbit	UNIPROT ID:	P39023		
Isotype:	IgG	Full Name:	ribosomal protein L3		
Immunogen Catalog Number:	AG1436	Calculated MW:	46/27 kDa		

## Applications

**Tested Applications:**  
IHC, IF/ICC, FC (Intra), Indirect ELISA

**Species Specificity:**  
human

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

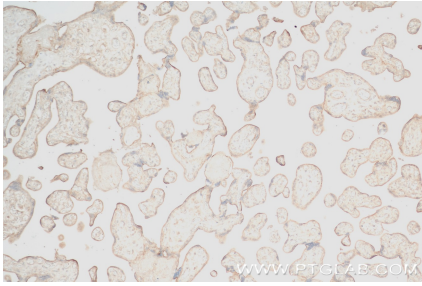
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

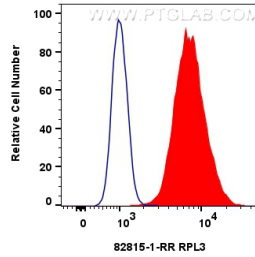
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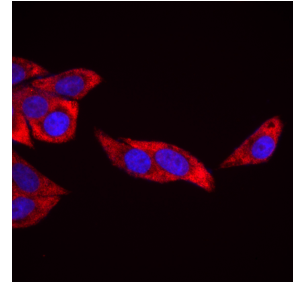
## Selected Validation Data



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). This data was developed using the same antibody clone with 82815-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 82815-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 82815-1-PBS in a different storage buffer formulation.