

For Research Use Only

# GTPBP8 Polyclonal antibody, PBS Only

Catalog Number:19813-1-PBS



## Basic Information

<b>Catalog Number:</b> 19813-1-PBS	<b>GenBank Accession Number:</b> BC000003	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 29083	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N3Z3	
<b>Isotype:</b> IgG	<b>Full Name:</b> GTP-binding protein 8 (putative)	
<b>Immunogen Catalog Number:</b> AG13848	<b>Calculated MW:</b> 284 aa, 32 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IP, Indirect ELISA

**Species Specificity:**  
human

## Background Information

GTPBP8 is a protein-coding gene encoding a GTP-binding protein that plays a critical role in mitochondrial ribosome (mitoribosome) biogenesis . It is the human homolog of the bacterial EngB family of GTPases, which are involved in ribosomal large subunit assembly. (PMID: 38969660)

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

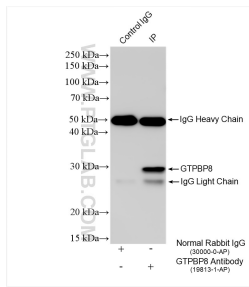
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

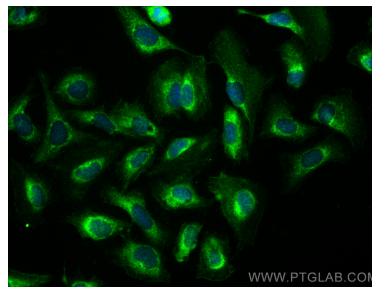
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

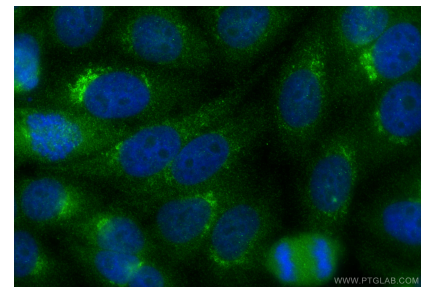
## Selected Validation Data



IP result of anti-GTPBP8 (IP:19813-1-AP, 4ug; Detection:19813-1-AP 1:500) with A549 cells lysate 1840 ug. This data was developed using the same antibody clone with 19813-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using GTPBP8 antibody (19813-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 19813-1-PBS in a different storage buffer formulation.



weak\*2 This data was developed using the same antibody clone with 19813-1-PBS in a different storage buffer formulation.