

For Research Use Only

# GTPBP9 Polyclonal antibody

Catalog Number: 16371-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 16371-1-AP	<b>GenBank Accession Number:</b> BC013925	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 29789	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> Obg-like ATPase 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 396aa,45 kDa; 278aa,31 kDa	
<b>Immunogen Catalog Number:</b> AG9283	<b>Observed MW:</b> 45 kDa	

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : Jurkat cells, HepG2 cells, MCF-7 cells

IHC : human liver cancer tissue, human colon cancer tissue

IF : MCF-7 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Gayathri Narasimhan	31063653	Clin Exp Pharmacol Physiol	WB
Praveen K Dubey	37905026	medRxiv	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

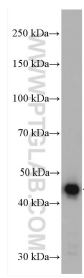
For technical support and original validation data for this product please contact:

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

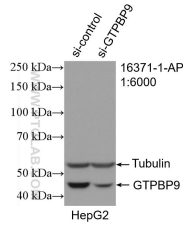
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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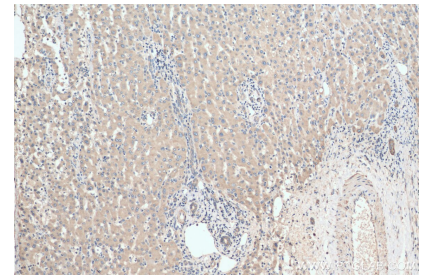
## Selected Validation Data



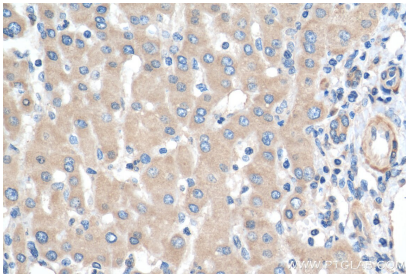
Jurkat cells were subjected to SDS PAGE followed by western blot with 16371-1-AP (GTPBP9 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



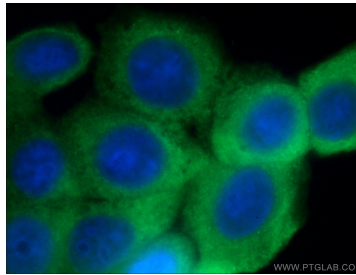
WB result of GTPBP9 antibody (16371-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GTPBP9 transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16371-1-AP (GTPBP9 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16371-1-AP (GTPBP9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 16371-1-AP (GTPBP9 antibody) at dilution of 1:200 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).