

For Research Use Only

# HAUS3 Polyclonal antibody

Catalog Number: 18991-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 18991-1-AP	<b>GenBank Accession Number:</b> NM_024511	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 200 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 79441	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF/ICC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q68CZ6	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 4 open reading frame 15	
	<b>Calculated MW:</b> 70 kDa	
	<b>Observed MW:</b> 62-65 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, HeLa cells IHC : human liver cancer tissue, IF/ICC : HepG2 cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</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

HAUS3, also named as C4orf15, belongs to the HAUS3 family. It is Required for mitotic centrosome and spindle integrity. HAUS3 is a component of the HAUS augmin-like complex which regulates mitotic spindle assembly and centrosome integrity and is required for completion of cytokinesis. The complex interacts with the gamma-tubulin ring complex and this interaction is required for spindle assembly.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yaqian Zhang	35604367	J Cell Biol	WB

## Storage

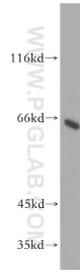
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

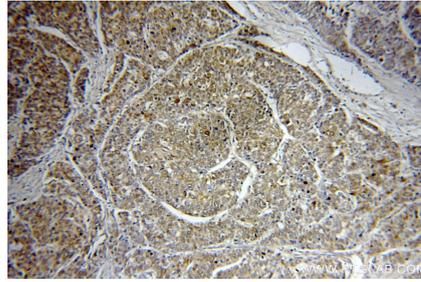
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

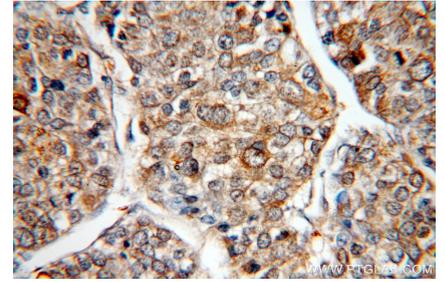
## Selected Validation Data



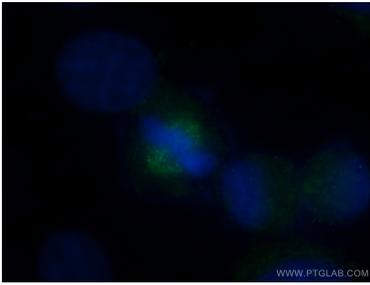
HepG2 cells were subjected to SDS PAGE followed by western blot with 18991-1-AP (HAUS3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer using 18991-1-AP (HAUS3 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 18991-1-AP (HAUS3 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 18991-1-AP (HAUS3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).