

For Research Use Only

HAUS3 Polyclonal antibody

Catalog Number: 18991-1-AP

1 Publications



Basic Information

Catalog Number:

18991-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_024511

GeneID (NCBI):

79441

UNIPROT ID:

Q68CZ6

Full Name:

chromosome 4 open reading frame 15

Calculated MW:

70 kDa

Observed MW:

62-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

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 : HepG2 cells, HeLa cells

IHC : human liver cancer tissue,

IF/ICC : HepG2 cells,

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

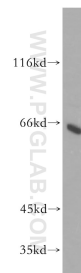
For technical support and original validation data for this product please contact:

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

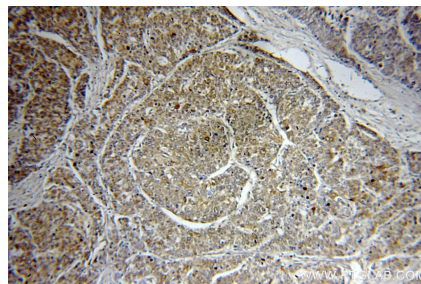
E: proteintech@ptglab.com
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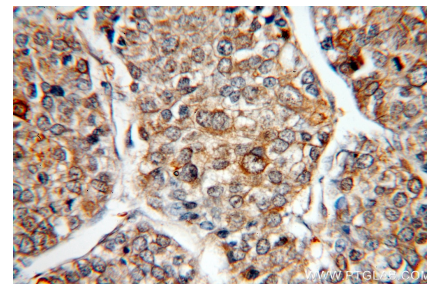
Selected Validation Data



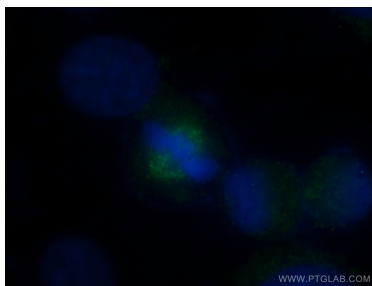
HepG2 cells were subjected to SDS PAGE followed by western blot with 18991-1-AP (HAUS3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).