

For Research Use Only

# EFCAB5 Polyclonal antibody

Catalog Number: 24296-1-AP



## Basic Information

### Catalog Number:

24296-1-AP

### Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 553 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG19274

### GenBank Accession Number:

BC137519

### GeneID (NCBI):

374786

### UNIPROT ID:

A4FU69

### Full Name:

EF-hand calcium binding domain 5

### Calculated MW:

1503 aa, 173 kDa

### Observed MW:

110 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Species Specificity:

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, L02 cells

IHC : human liver cancer tissue, human colon tissue, human testis tissue

IF/ICC : HepG2 cells,

## 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

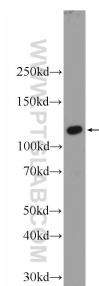
For technical support and original validation data for this product please contact:

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

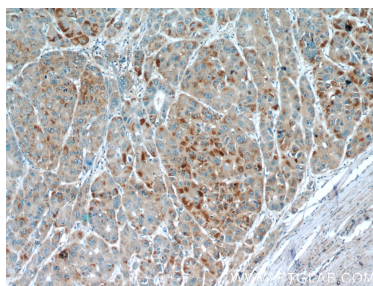
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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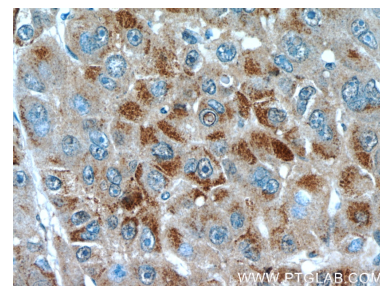
## Selected Validation Data



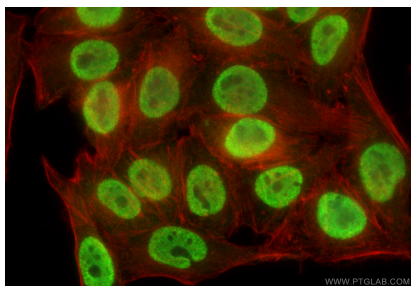
HepG2 cells were subjected to SDS PAGE followed by western blot with 24296-1-AP (EFCAB5 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer slide using 24296-1-AP (EFCAB5 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human liver cancer slide using 24296-1-AP (EFCAB5 Antibody) at dilution of 1:50.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using EFCAB5 antibody (24296-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).