

For Research Use Only

# CTNNA3 Polyclonal antibody

Catalog Number: 13974-1-AP

Featured Product

12 Publications



## Basic Information

### Catalog Number:

13974-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5008

### GenBank Accession Number:

BC030646

### GeneID (NCBI):

29119

### UNIPROT ID:

Q9UI47

### Full Name:

catenin (cadherin-associated protein), alpha 3

### Calculated MW:

100 kDa

### Observed MW:

100 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:100-1:2000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### 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: mouse testis tissue, HEK-293

IP: mouse testis tissue,

IHC: human liver cancer tissue, human heart tissue, human placenta tissue, mouse heart tissue

IF/ICC: HepG2 cells,

## Notable Publications

| Author       | Pubmed ID | Journal          | Application |
|--------------|-----------|------------------|-------------|
| Aviva J Goel | 30178310  | Methods Mol Biol |             |
| Jifen Li     | 25305307  | Circ Res         | IF          |
| Jie Wang     | 34783308  | Elife            | IF          |

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

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

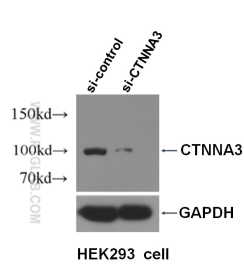
For technical support and original validation data for this product please contact:

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

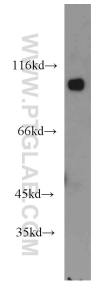
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

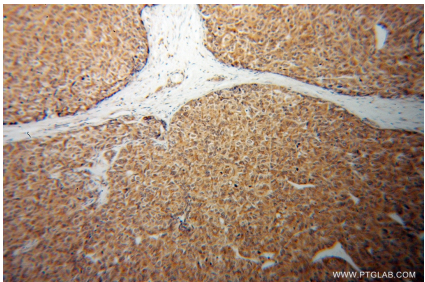
Selected Validation Data



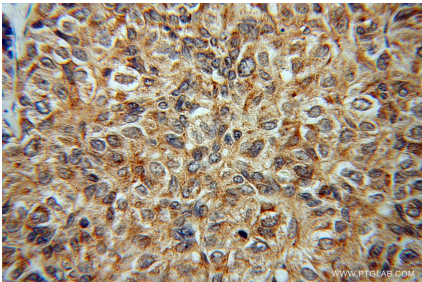
WB result of CTNNA3 antibody (13974-1-AP, 1:500) with si-Control and si-CTNNA3 transfected HEK293 cells.



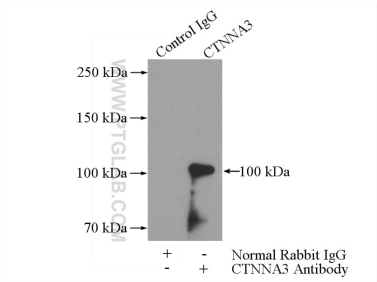
mouse testis tissue were subjected to SDS PAGE followed by western blot with 13974-1-AP (CTNNA3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



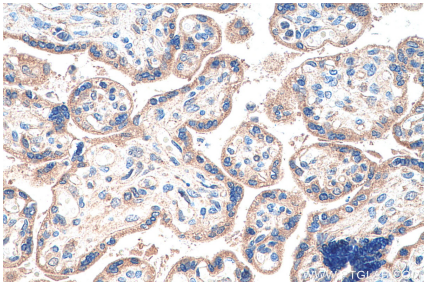
Immunohistochemical analysis of paraffin-embedded human liver cancer using 13974-1-AP (CTNNA3 antibody) at dilution of 1:100 (under 10x lens).



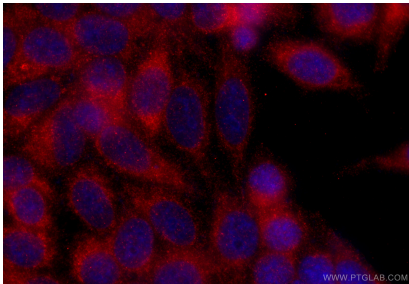
Immunohistochemical analysis of paraffin-embedded human liver cancer using 13974-1-AP (CTNNA3 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-CTNNA3 (IP:13974-1-AP, 5ug; Detection:13974-1-AP 1:1500) with mouse testis tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 13974-1-AP (CTNNA3 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CTNNA3 antibody (13974-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).