

For Research Use Only

# CTNNA3 Polyclonal antibody

Catalog Number: 13974-1-AP

Featured Product

12 Publications



## Basic Information

**Catalog Number:**

13974-1-AP

**Size:**

293 µg/ml

**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 µg for 1.0-3.0 mg of total  
protein lysate

IHC 1:100-1:2000

IF/ICC 1:20-1:200

## 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,

## Background Information

### 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

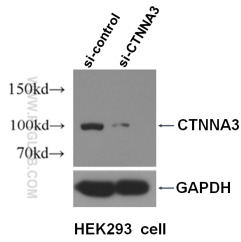
T: 4006900926

E: Proteintech-CN@ptglab.com

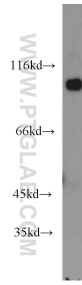
W: ptgcn.com

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

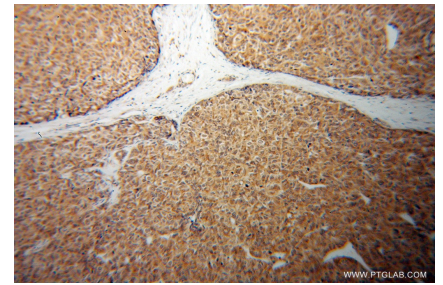
## Selected Validation Data



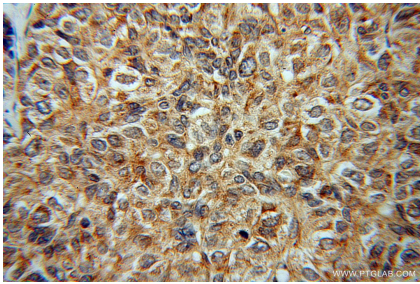
WB result of CTNNA3 antibody (13974-1-AP, 1:500) with si-Control and si-CTNNA3 transfected HEK293 cells.



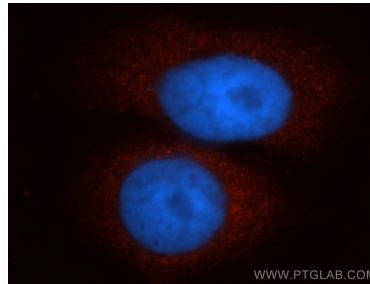
mouse testis tissue were subjected to SDS PAGE followed by western blot with 13974-1-AP (CTNNA3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



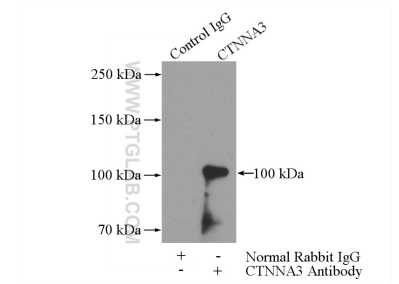
Immunohistochemical analysis of paraffin-embedded human liver cancer using 13974-1-AP (CTNNA3 antibody) at dilution of 1:100 (under 10x lens).



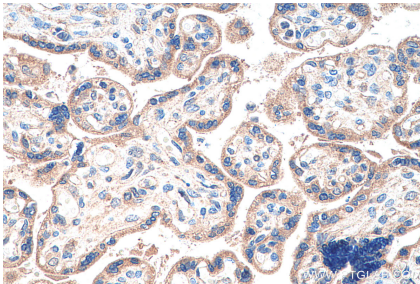
Immunohistochemical analysis of paraffin-embedded human liver cancer using 13974-1-AP (CTNNA3 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using CTNNA3 antibody 13974-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



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).