

For Research Use Only

CTNNA3 Polyclonal antibody

Catalog Number: 13974-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number: 13974-1-AP	GenBank Accession Number: BC030646	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 29119	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: catenin (cadherin-associated protein), alpha 3	IHC 1:100-1:2000 IF 1:20-1:200
Isotype: IgG	Calculated MW: 100 kDa	
Immunogen Catalog Number: AG5008	Observed MW: 100 kDa	

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
IF, WB

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: 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

*** 20ul sizes contain 0.1% BSA

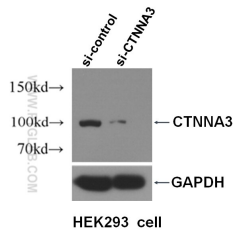
For technical support and original validation data for this product please contact:

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.

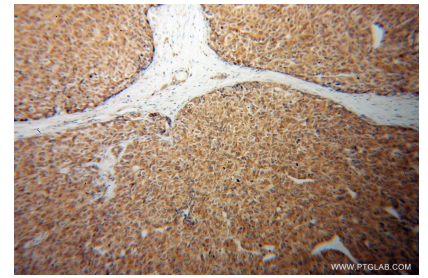
Selected Validation Data



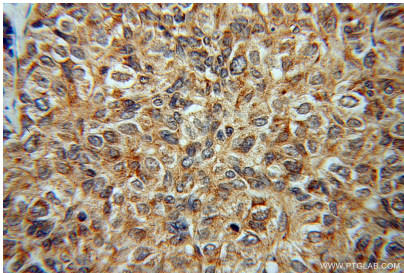
WB result of CTNNA3 antibody (13974-1-AP, 1:500) with si-Control and si-CTNNA3 transfected HEK293 cells.



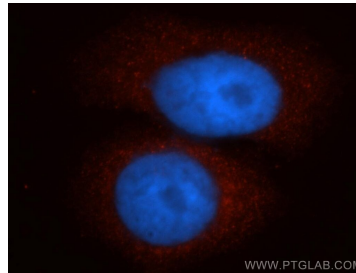
mouse testis tissue were subjected to SDS PAGE followed by western blot with 13974-1-AP (CTNNA3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



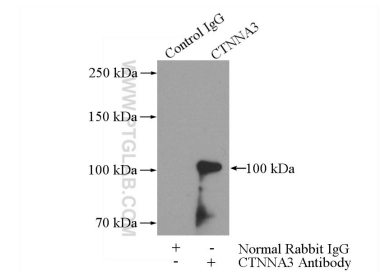
Immunohistochemical analysis of paraffin-embedded human liver cancer using 13974-1-AP (CTNNA3 antibody) at dilution of 1:100 (under 10x lens).



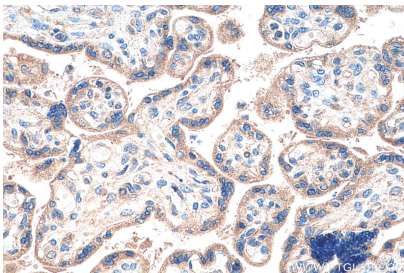
Immunohistochemical analysis of paraffin-embedded human liver cancer using 13974-1-AP (CTNNA3 antibody) at dilution of 1:100 (under 40x lens).



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).