

For Research Use Only

CTNNA3 Polyclonal antibody

Catalog Number: 13974-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

13974-1-AP

Concentration:

293 ug/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 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,

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

Aliquoting is unnecessary for -20°C storage

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

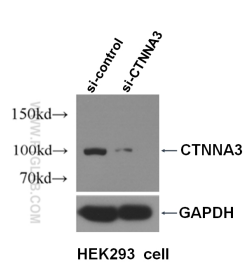
T: 4006900926

E: Proteintech-CN@ptglab.com

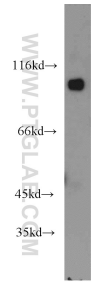
W: ptgcn.com

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

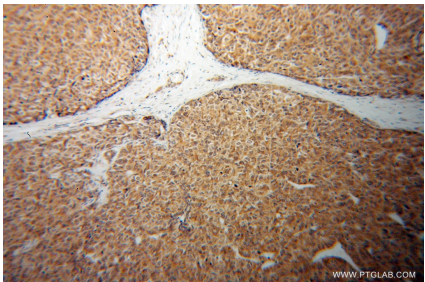
Selected Validation Data



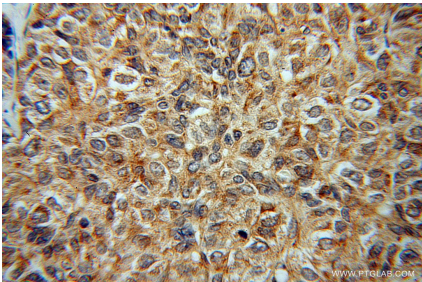
WB result of CTNNA3 antibody (13974-1-AP, 1:500) with si-Control and si-CTNNA3 transfected HEK293 cells.



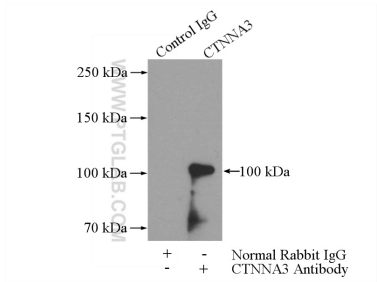
mouse testis tissue were subjected to SDS PAGE followed by western blot with 13974-1-AP (CTNNA3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



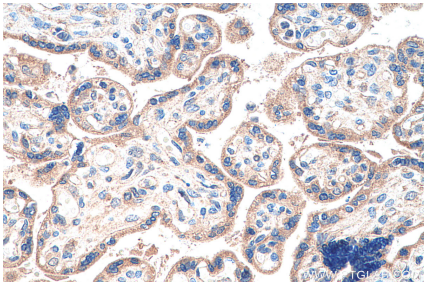
Immunohistochemical analysis of paraffin-embedded human liver cancer using 13974-1-AP (CTNNA3 antibody) at dilution of 1:100 (under 10x lens).



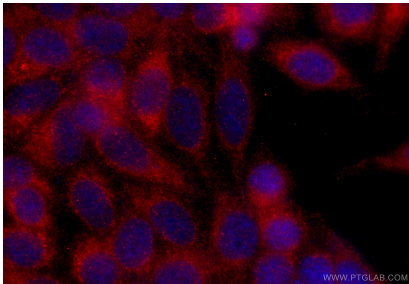
Immunohistochemical analysis of paraffin-embedded human liver cancer using 13974-1-AP (CTNNA3 antibody) at dilution of 1:100 (under 40x lens).



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).