

For Research Use Only

C2orf79/PTRHD1 Polyclonal antibody

Catalog Number: 25576-1-AP



Basic Information

Catalog Number:

25576-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22255

GenBank Accession Number:

BC073803

GeneID (NCBI):

391356

UNIPROT ID:

Q6GMV3

Full Name:

chromosome 2 open reading frame 79

Calculated MW:

140 aa, 16 kDa

Observed MW:

13-16 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

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

IHC 1:200-1:800

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, 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,

IP : COLO 320 cells,

IHC : human colon cancer 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

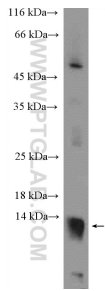
For technical support and original validation data for this product please contact:

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

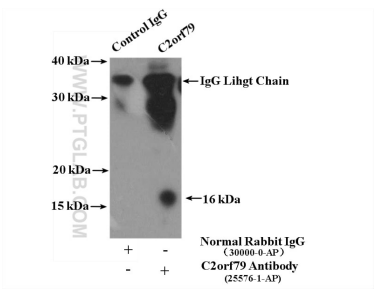
E: proteintech@ptglab.com
W: ptglab.com

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

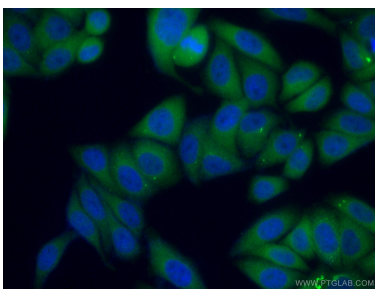
Selected Validation Data



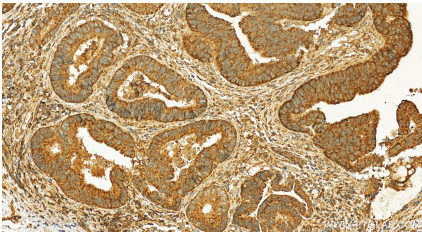
HepG2 cells were subjected to SDS PAGE followed by western blot with 25576-1-AP (C2orf79/PTRHD1 antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.



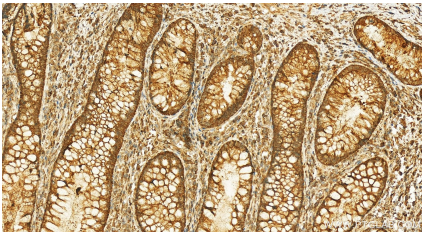
IP result of anti-C2orf79/PTRHD1 (IP:25576-1-AP, 4ug; Detection:25576-1-AP 1:500) with COLO 320 cells lysate 4000ug.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 25576-1-AP (C2orf79/PTRHD1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25576-1-AP (C2orf79/PTRHD1 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25576-1-AP (C2orf79/PTRHD1 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).