

For Research Use Only

# C2orf79/PTRHD1 Polyclonal antibody

Catalog Number: 25576-1-AP



## Basic Information

**Catalog Number:**

25576-1-AP

**Size:**

850 ug/ml

**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,

## Background Information

### 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:

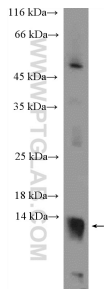
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

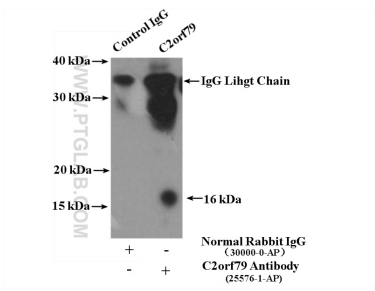
W: [ptgcn.com](http://ptgcn.com)

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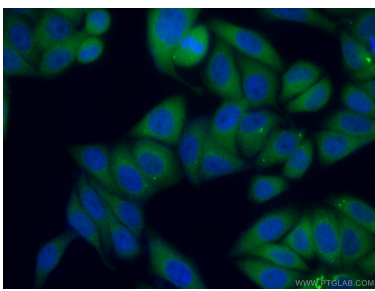
Selected Validation Data



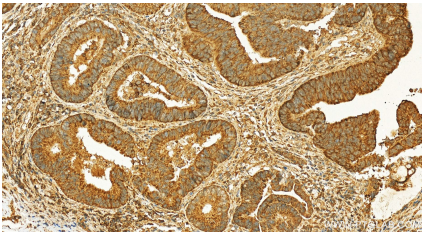
HepG2 cells were subjected to SDS PAGE followed by western blot with 25576-1-AP (C2orf79/PTRHD1 antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.



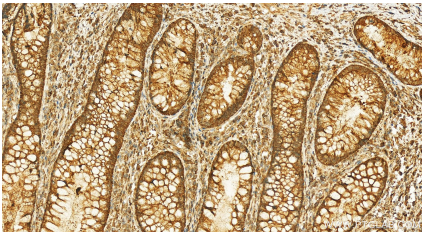
IP result of anti-C2orf79/PTRHD1 (IP:25576-1-AP, 4ug; Detection:25576-1-AP 1:500) with COLO 320 cells lysate 4000ug.



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).