

For Research Use Only

# C2orf79/PTRHD1 Polyclonal antibody



Catalog Number: 25576-1-AP

## Basic Information

<b>Catalog Number:</b> 25576-1-AP	<b>GenBank Accession Number:</b> BC073803	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 850 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 391356	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> chromosome 2 open reading frame 79	<b>for WB</b> IHC 1:50-1:500 IF 1:20-1:200
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 140 aa, 16 kDa	
<b>Immunogen Catalog Number:</b> AG22255	<b>Observed MW:</b> 13-16 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, IP, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HepG2 cells,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IP :</b> COLO 320 cells,
	<b>IHC :</b> human colon cancer tissue,
	<b>IF :</b> HepG2 cells,

## Background Information

### Storage

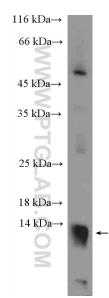
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

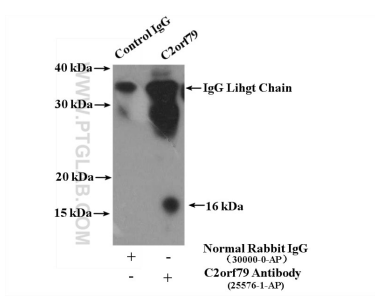
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

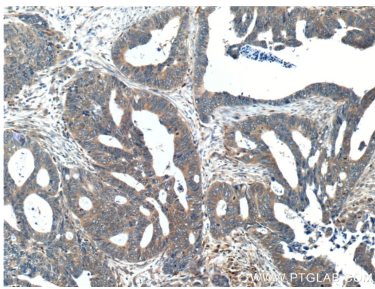
Selected Validation Data



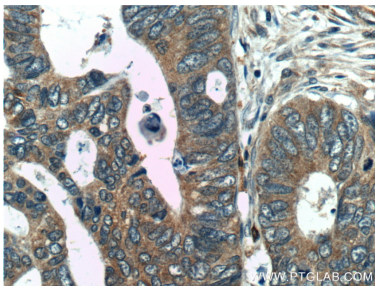
HepG2 cells were subjected to SDS PAGE followed by western blot with 25576-1-AP (C2orf79/PTRHD1 antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.



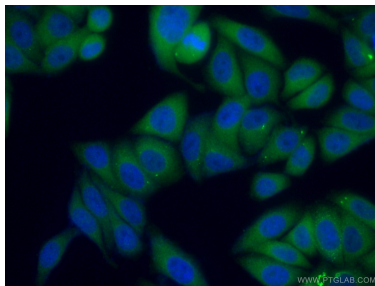
IP Result of anti-C2orf79/PTRHD1 (IP:25576-1-AP, 4ug; Detection:25576-1-AP 1:500) with COLO 320 cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25576-1-AP (C2orf79/PTRHD1 antibody at dilution of 1:600 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25576-1-AP (C2orf79/PTRHD1 antibody at dilution of 1:600 (under 40x lens).



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).