

For Research Use Only

# PPIH Polyclonal antibody

Catalog Number: 11651-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 11651-1-AP	<b>GenBank Accession Number:</b> BC003412	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10465	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:100-1:400 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> peptidylprolyl isomerase H (cyclophilin H)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 19 kDa	
<b>Immunogen Catalog Number:</b> AG2253	<b>Observed MW:</b> 19 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : U2OS cells, K-562 cells, PC-3 cells, mouse colon tissue, rat colon tissue
<b>Cited Applications:</b> IF	<b>IHC :</b> human colon cancer tissue,
<b>Species Specificity:</b> human, mouse, rat	<b>IF :</b> PC-3 cells,
<b>Cited Species:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

PPIH (Peptidyl-prolyl cis-trans isomerase H) is also named as CYP20, CYPH and belongs to cyclophilin-type PPIase family, PPIase H subfamily. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may act as a chaperone (PMID:12875835).

## Notable Publications

Author	Pubmed ID	Journal	Application
Yinan Chen	34976220	Theranostics	IF

## Storage

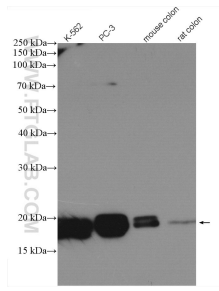
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

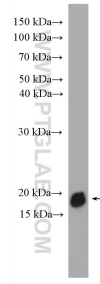
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

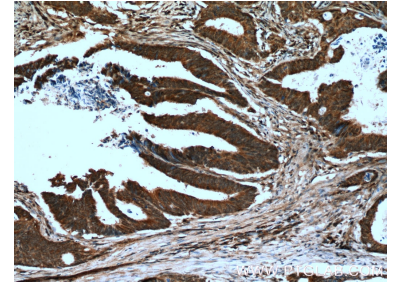
## Selected Validation Data



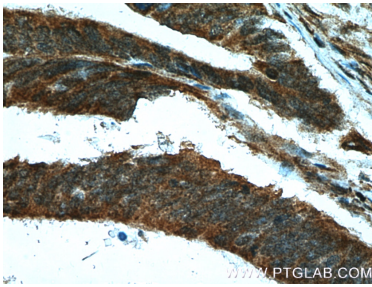
Various lysates were subjected to SDS PAGE followed by western blot with 11651-1-AP (PPIH antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



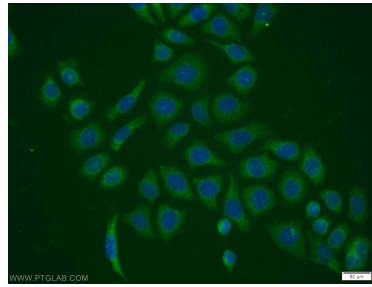
U2OS cells were subjected to SDS PAGE followed by western blot with 11651-1-AP (PPIH antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11651-1-AP (PPIH Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11651-1-AP (PPIH Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of PC-3 cells using 11651-1-AP (PPIH antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).