

## PPIH Polyclonal antibody

Catalog Number: 11651-1-AP

1 Publications

## Basic Information

## Catalog Number:

11651-1-AP

## Size:

450 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG2253

## GenBank Accession Number:

BC003412

## GeneID (NCBI):

10465

## UNIPROT ID:

O43447

## Full Name:

peptidylprolyl isomerase H  
(cyclophilin H)

## Calculated MW:

19 kDa

## Observed MW:

19 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:200-1:1000

IHC 1:100-1:400

IF/ICC 1:10-1:100

## Applications

## Tested Applications:

WB, IHC, IF/ICC, ELISA

## Cited Applications:

IF

## Species Specificity:

human, mouse, rat

## Cited Species:

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: U2OS cells, K-562 cells, PC-3 cells, mouse colon tissue, rat colon tissue

IHC: human colon cancer tissue,

IF/ICC: PC-3 cells,

## 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

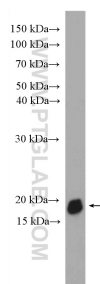
For technical support and original validation data for this product please contact:

T: 4006900926

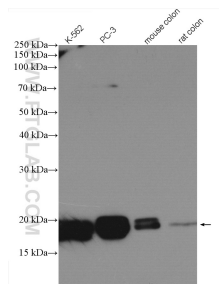
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

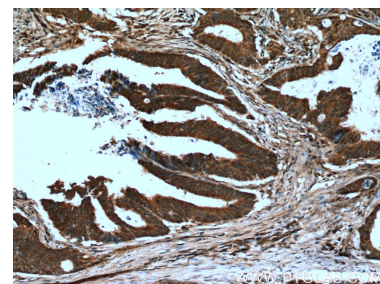
## Selected Validation Data



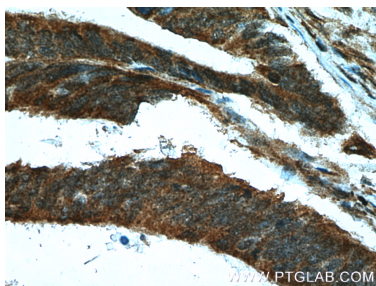
U2OS cells were subjected to SDS PAGE followed by western blot with 11651-1-AP (PPIH antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



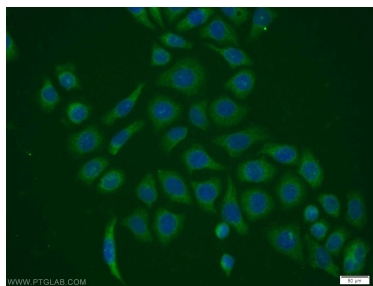
Various lysates were subjected to SDS PAGE followed by western blot with 11651-1-AP (PPIH antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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).