

For Research Use Only

PPIH Polyclonal antibody

Catalog Number: 11651-1-AP

1 Publications



Basic Information

Catalog Number:

11651-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

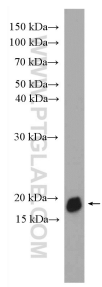
For technical support and original validation data for this product please contact:

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

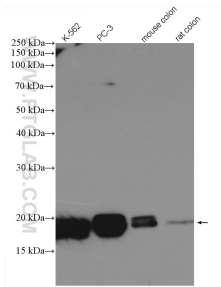
E: proteintech@ptglab.com
W: ptglab.com

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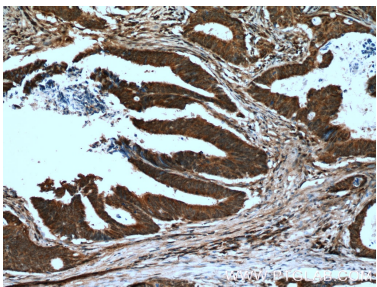
Selected Validation Data



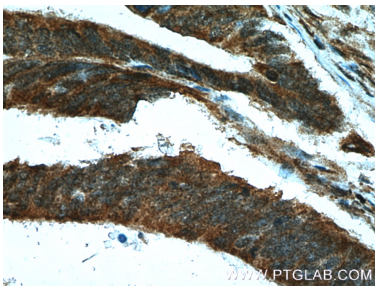
U2OS cells were subjected to SDS PAGE followed by western blot with 11651-1-AP (PPIH antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



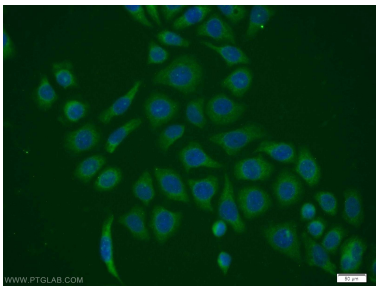
Various lysates were subjected to SDS PAGE followed by western blot with 11651-1-AP (PPIH antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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 Goat Anti-Rabbit IgG(H+L).