

For Research Use Only

# PPIL1 Polyclonal antibody

Catalog Number: 15144-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 15144-1-AP	<b>GenBank Accession Number:</b> BC003048	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 750 µg/ml by Nanodrop and 1053 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51645	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> peptidylprolyl isomerase (cyclophilin)-like 1	<b>IHC 1:20-1:200</b> <b>IF 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 18 kDa	
<b>Immunogen Catalog Number:</b> AG7436	<b>Observed MW:</b> 18 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB: NIH/3T3 cells, A375 cells, HeLa cells
<b>Cited Applications:</b> IP	<b>IP:</b> NIH/3T3 cells,
<b>Species Specificity:</b> human, mouse, rat	<b>IHC:</b> human colon cancer tissue,
<b>Cited Species:</b> human	<b>IF:</b> NIH/3T3 cells,

**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

### Notable Publications

Author	Pubmed ID	Journal	Application
Guoliang Chai	33220177	Neuron	IP

## Storage

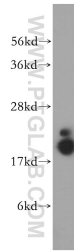
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

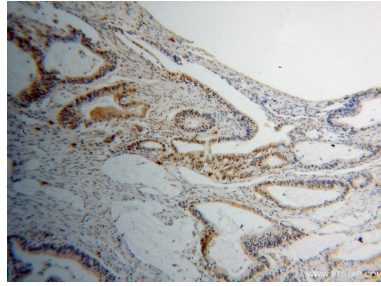
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

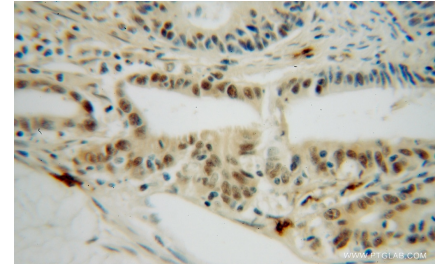
## Selected Validation Data



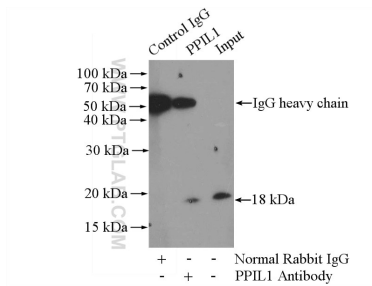
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 15144-1-AP (PPIL1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



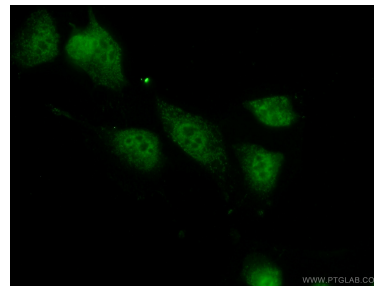
Immunohistochemical analysis of paraffin-embedded human colon cancer using 15144-1-AP (PPIL1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 15144-1-AP (PPIL1 antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-PPIL1 (IP:15144-1-AP, 3ug; Detection:15144-1-AP 1:400) with NIH/3T3 cells lysate 1600ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed NIH/3T3 cells using 15144-1-AP (PPIL1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).