

For Research Use Only

PPIL4 Polyclonal antibody

Catalog Number: 12538-1-AP

1 Publications



Basic Information

Catalog Number:

12538-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3249

GenBank Accession Number:

BC016984

GeneID (NCBI):

85313

UNIPROT ID:

Q8WUA2

Full Name:

peptidylprolyl isomerase (cyclophilin)-like 4

Calculated MW:

492 aa, 57 kDa

Observed MW:

58-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB: HEK-293 cells, HCT 116 cells, mouse kidney tissue, HeLa cells, HepG2 cells

IP: HeLa cells,

IF/ICC: HeLa cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Wenbo Liu	31892848	Int J Biol Sci	WB

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

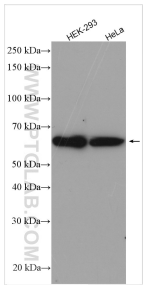
For technical support and original validation data for this product please contact:

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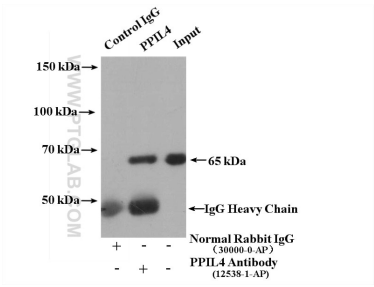
E: proteintech@ptglab.com
W: ptglab.com

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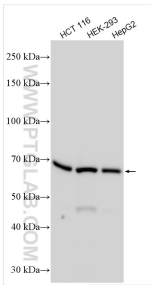
Selected Validation Data



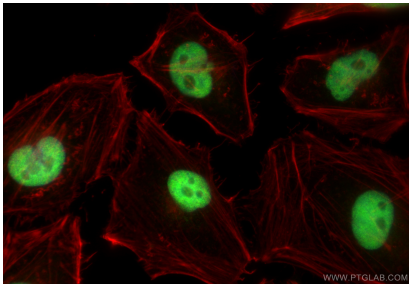
Various lysates were subjected to SDS PAGE followed by western blot with 12538-1-AP (PPIL4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-PPIL4 (IP:12538-1-AP, 4ug; Detection:12538-1-AP 1:300) with HeLa cells lysate 2600 ug.



Various lysates were subjected to SDS PAGE followed by western blot with 12538-1-AP (PPIL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PPIL4 antibody (12538-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).