

For Research Use Only

# PHF14 Polyclonal antibody

Catalog Number: 24787-1-AP

Featured Product

7 Publications



## Basic Information

### Catalog Number:

24787-1-AP

### Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20542

### GenBank Accession Number:

BC152414

### GeneID (NCBI):

9678

### UNIPROT ID:

O94880

### Full Name:

PHD finger protein 14

### Calculated MW:

888 aa, 100 kDa

### Observed MW:

140-150 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

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IF, IHC, CoIP, ChIP

### Species Specificity:

human

### Cited Species:

human, mouse

**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 : HeLa cells, HEK-293 cells, MDA-MB-453s cells

IP : HEK-293 cells,

IHC : human kidney tissue,

## Background Information

PHF14 also named as KIAA0783 or PHD finger protein 14 is 888 amino acid protein, which contains 2 PHD-type zinc fingers. PHF14 localizes in nucleus and may be involved in the regulation of transcription, DNA dependent. The function of PHF14 is still non-known.

## Notable Publications

Author	Pubmed ID	Journal	Application
Elena Gómez-Marín	36124662	Nucleic Acids Res	WB, CoIP, ChIP
Jung Eun Park	31040906	Oncotarget	WB
Yuzu Zhao	32596345	Biomed Res Int	WB, IHC

## 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

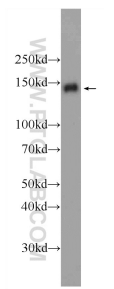
For technical support and original validation data for this product please contact:

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

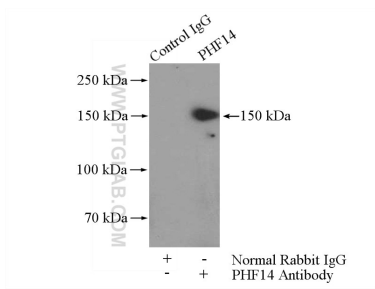
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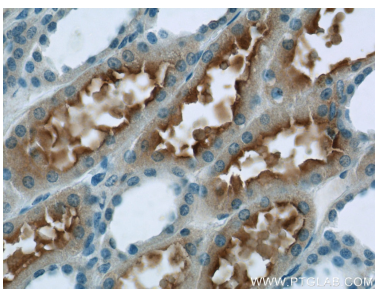
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 24787-1-AP (PHF14 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-PHF14 (IP:24787-1-AP, 4ug; Detection:24787-1-AP 1:500) with HEK-293 cells lysate 1200ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24787-1-AP (PHF14 Antibody) at dilution of 1:50 (under 40x lens).