

For Research Use Only

# PHF12 Polyclonal antibody

Catalog Number: 24485-1-AP

2 Publications



## Basic Information

### Catalog Number:

24485-1-AP

### Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 473 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG18471

### GenBank Accession Number:

BC121043

### GeneID (NCBI):

57649

### UNIPROT ID:

Q96QT6

### Full Name:

PHD finger protein 12

### Calculated MW:

1004 aa, 110 kDa

### Observed MW:

110-120 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

## Applications

### Tested Applications:

WB, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

human

### Positive Controls:

WB : mouse brain tissue, mouse lung tissue

IP : mouse brain tissue,

## Background Information

Plant homeodomain [PHD] zinc finger protein 12 (PHF12), also known Pf1, is a member of the PHD zinc finger family of proteins. Pf1 associates with a chromatin-interacting protein complex comprised of MRG15, Sin3B, and histone deacetylase 1 (HDAC1) that functions as a transcriptional modulator.

## Notable Publications

Author	Pubmed ID	Journal	Application
Gongwei Wu	33426808	EMBO Rep	WB
Yiru Kong	39075515	J Transl Med	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

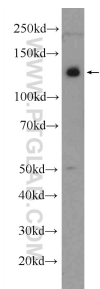
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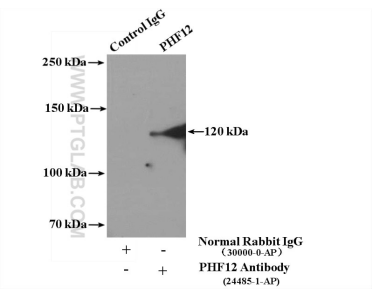
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 24485-1-AP (PHF 12 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-PHF 12 (IP:24485-1-AP, 4ug; Detection:24485-1-AP 1:500) with mouse brain tissue lysate 3600ug.