

For Research Use Only

# PHF12 Polyclonal antibody

Catalog Number: 24485-1-AP **1 Publications**



## Basic Information

**Catalog Number:**

24485-1-AP

**Size:**

1000 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, 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

## 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

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

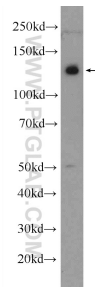
T: 4006900926

E: Proteintech-CN@ptglab.com

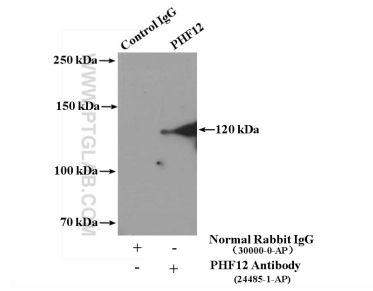
W: ptgcn.com

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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 24485-1-AP (PHF12 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-PHF12 (IP:24485-1-AP, 4ug; Detection:24485-1-AP 1:500) with mouse brain tissue lysate 3600ug.