

For Research Use Only

# PHF12 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 24485-1-AP	<b>GenBank Accession Number:</b> BC121043	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 473 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 57649	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> PHD finger protein 12	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1004 aa, 110 kDa	
<b>Immunogen Catalog Number:</b> AG18471	<b>Observed MW:</b> 110-120 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, mouse lung tissue
<b>Cited Applications:</b> WB	<b>IP :</b> mouse brain tissue,
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	

## 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

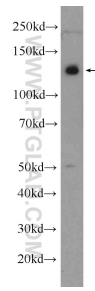
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

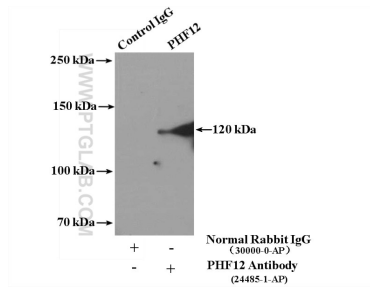
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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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.