

For Research Use Only

# PHF17 Polyclonal antibody

Catalog Number: 15032-1-AP **5 Publications**



## Basic Information

<b>Catalog Number:</b> 15032-1-AP	<b>GenBank Accession Number:</b> BC032376	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 333 ug/ml	<b>GeneID (NCBI):</b> 79960	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6IE81	
<b>Isotype:</b> IgG	<b>Full Name:</b> PHD finger protein 17	
<b>Immunogen Catalog Number:</b> AG4290	<b>Calculated MW:</b> 96 kDa	
	<b>Observed MW:</b> 58-61 kDa, 94-96 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HEK-293 cells
<b>Cited Applications:</b> WB, IHC, IP	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

PHF17 was identified as a protein partner of the von Hippel-Lindau tumor suppressor pVHL. It is one component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. It can act as a transcriptional coactivator that promote acetylation of nucleosomal histone H4 by KAT5. In addition, it ubiquitinates both phosphorylated and non-phosphorylated  $\beta$ -catenin and therefore regulates canonical Wnt signaling in both Wnt-off and Wnt-on phases. PHF17 exist several isoforms with molecular weight 100-110 and 55-65 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kurt Farrell	34719765	Acta Neuropathol	WB,IHC,IP
Lori Borgal	26919559	Cell Cycle	WB
Lori Borgal	25100726	J Biol Chem	WB, IP

## 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:

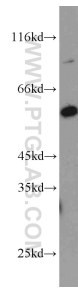
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 15032-1-AP (PHF17 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.