

For Research Use Only

PHF17 Polyclonal antibody

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



Basic Information

Catalog Number: 15032-1-AP	GenBank Accession Number: BC032376	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 333 µg/ml by Nanodrop;	GeneID (NCBI): 79960	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: PHD finger protein 17	
Isotype: IgG	Calculated MW: 96 kDa	
Immunogen Catalog Number: AG4290	Observed MW: 58-61 kDa, 94-96 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells
Cited Applications: IHC, IP, WB	
Species Specificity: human, mouse, rat	
Cited Species: 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 β -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

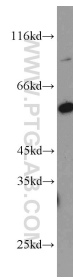
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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 (PHF 17 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.