

For Research Use Only

# PHF5A Polyclonal antibody

Catalog Number: 15554-1-AP

Featured Product

14 Publications



## Basic Information

<b>Catalog Number:</b> 15554-1-AP	<b>GenBank Accession Number:</b> BC007321	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 240 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84844	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> PHD finger protein 5A	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 12 kDa	
<b>Immunogen Catalog Number:</b> AG7918	<b>Observed MW:</b> 12-14 kDa	

## Applications

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

## Background Information

The PHD finger-like domain protein 5a (PHF5A) is ubiquitously expressed and is located in the nucleus. The gene Phf5a and its human counterpart PHF5A (former name Ini) are located on rat chromosome 7 (RNO7q34) and human chromosome 22 (HSA2213q2), respectively. The rat gene consists of four exons, while the human gene have five exons. Both genes encode a highly conserved protein of 110 amino acids that contains a PHD finger domain.(PMID: 23675859) It acts as a transcriptional regulator by binding to the GJA1/Cx43 promoter and enhancing its up-regulation by ESR1/ER-alpha and is involved in pre-mRNA splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ai Qing Yu	34604215	Front Cell Dev Biol	WB,CoIP
Yue Chang	34853721	Mol Ther Nucleic Acids	WB
Alexandros Strikoudis	27749823	Nat Cell Biol	WB

## Storage

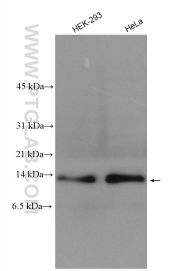
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

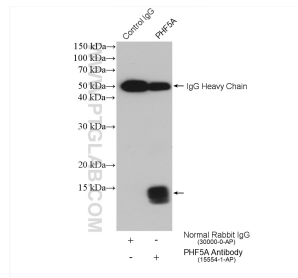
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15554-1-AP (PHF5A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-PHF5A(IP:15554-1-AP, 4ug; Detection:15554-1-AP 1:2000) with HeLa cells lysate 2520 ug.