

For Research Use Only

# PHF19 Polyclonal antibody

Catalog Number: 11895-1-AP

Featured Product

9 Publications



## Basic Information

<b>Catalog Number:</b> 11895-1-AP	<b>GenBank Accession Number:</b> BC022374	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 450 ug/ml by Nanodrop and 440 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 26147	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IF/ICC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5T6S3	
<b>Isotype:</b> IgG	<b>Full Name:</b> PHD finger protein 19	
<b>Immunogen Catalog Number:</b> AG2511	<b>Calculated MW:</b> 580 aa, 63 kDa	
	<b>Observed MW:</b> 22 kDa, 66 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : rat brain tissue, IF/ICC : Mouse ES cells,
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	

## Background Information

PHD FINGER PROTEIN 19(PHF19), a protein homologous to the Drosophila 'Polycomblike' (Pcl) protein, encoded by human gene PCL, which encodes 2 deduced proteins: a short form of 207 aa and a long form of 580 aa. The PCL family proteins contains a PCL homology domain, a Tudor domain, 2 PHD fingers and a C-terminal tail. Both of these forms can inhibit transcriptional activity. And the long form is correlated with cancer. The mRNA level of PHF19 is low in many normal tissue, it's elevated in cancer-derived cell lines.

## Notable Publications

Author	Pubmed ID	Journal	Application
Hong-Li Yang	35003347	J Cancer	WB
Haixiao Wang	32449434	Scand J Gastroenterol	WB,IHC
Souhila Abdelfettah	32256978	Oncotarget	WB

## Storage

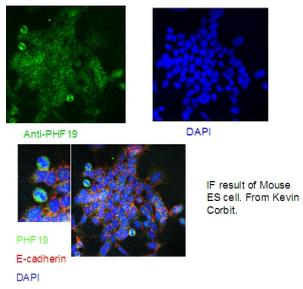
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

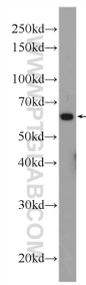
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



IF result of Mouse ES cell From Kevin Corbit.



rat brain tissue were subjected to SDS PAGE followed by western blot with 11895-1-AP (PHF 19 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.