

## PHF19 Polyclonal Antibody

Catalog number: 11895-1-AP

Size: 60 µg/150 µl

Source: Rabbit

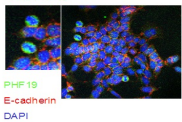
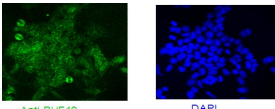
Isotype: IgG

Synonyms:

PHF19; hPCL3, MTF2L1, PCL3,

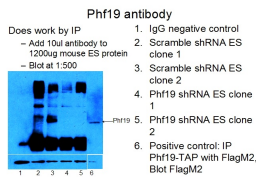
PHD finger protein 19, PHF19,

Polycomb like protein 3

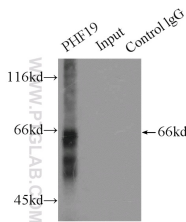


IF result of Mouse ES cell From Kevin Corbit.

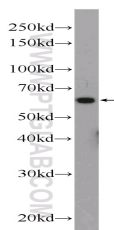
IF result of Mouse ES cell From Kevin Corbit.



IP result of anti-PHF19(11895-1-AP) in Mouse ES cell from Monika.



IP Result of anti-PHF19 (IP:11895-1-AP, 4µg; Detection:11895-1-AP 1:500) with HeLa cells lysate 2000µg.



rat brain tissue were subjected to SDS PAGE followed by western blot with

### Background

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. It is highly expressed in thymus and heart, while 508aa form predominant in placenta, skeletal muscle and kidney and 207aa form in liver and peripheral blood leukocytes. Both of these forms can inhibit transcriptional activity. And the long form is correlated with cancer. Acts as a transcriptional repressor. The mRNA level of PHF19 is low in many normal tissue, it's elevated in cancer-derived cell lines.

### Applications

Tested applications:	ELISA, IP, IF, WB
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated PHF19 MW:	580aa, 63 kDa
Observed PHF19 MW:	66kd
Positive WB detected in	Rat brain tissue, mouse ES cells and 293 cells
Positive IP detected in	HeLa cells, Mouse ES cells
Positive IF detected in	Mouse ES cells
Recommended dilution:	WB: 1:200-1:1000 IP: 1:200-1:2000 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2511
GenBank accession number:	BC022374
Gene ID (NCBI):	26147
Full name:	PHD finger protein 19

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**11895-1-AP( PHF19 Antibody)**  
**at dilution of 1:300**