

For Research Use Only

PHF19 Polyclonal antibody

Catalog Number: 11895-1-AP

Featured Product

9 Publications



Basic Information

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

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB: rat brain tissue, IF: Mouse ES cells,
Cited Applications: IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: 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. 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.

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

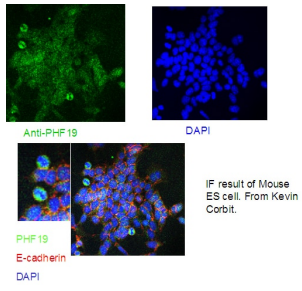
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

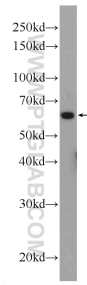
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

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.