

For Research Use Only

PHF6 Polyclonal antibody

Catalog Number: 51062-1-AP **1 Publications**



Basic Information

Catalog Number: 51062-1-AP	GenBank Accession Number: BC005994	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 84295	Recommended Dilutions: WB 1:20000-1:100000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: PHD finger protein 6	
Isotype: IgG	Calculated MW: 365aa,41 kDa; 312aa,35 kDa	
Immunogen Catalog Number: AG2102	Observed MW: 41 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, K-562 cells
Cited Applications: WB	IHC : human ovary tumor tissue, human cervical cancer tissue
Species Specificity: human, mouse	IF : HeLa cells,
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

PHF6 protein is highly conserved in vertebrates. Structurally, PHF6 protein contains two plant homeodomain (PHD)-like zinc fingers, two nuclear localization sequences and a nucleolar localization sequence, suggesting that PHF6 may play a role in the regulation of transcription. PHD zinc fingers are structurally conserved modules that interact with chromatin or mediate protein-protein interactions. PHF6 associates with subunits of the PAF1 transcription elongation complex including PAF1, LEO1, CTR9 and CDC73. The interaction of PHF6 with the PAF1 complex plays a critical role in PHF6 function in neuronal migration in the cerebral cortex.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiang Gao	35780573	Leuk Res	WB

Storage

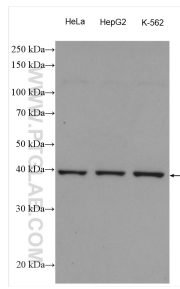
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

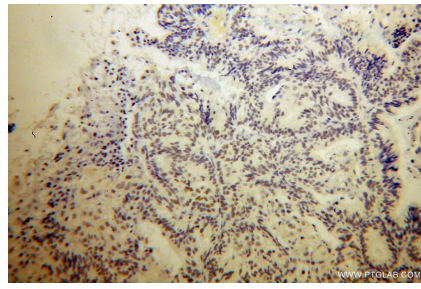
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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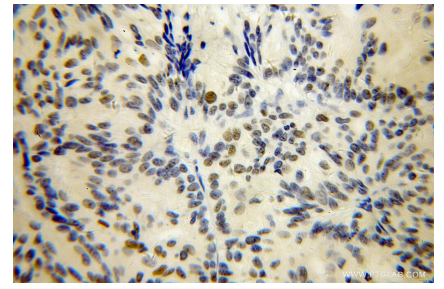
Selected Validation Data



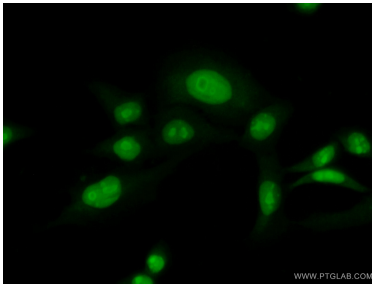
Various lysates were subjected to SDS PAGE followed by western blot with 51062-1-AP (PHF6 antibody) at dilution of 1:64000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 51062-1-AP (PHF6 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 51062-1-AP (PHF6 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 51062-1-AP (PHF6 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).