

For Research Use Only

# PHF11 Polyclonal antibody

Catalog Number: 10898-1-AP

Featured Product

6 Publications



## Basic Information

### Catalog Number:

10898-1-AP

### Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1318

### GenBank Accession Number:

BC017212

### GeneID (NCBI):

51131

### UNIPROT ID:

Q9UIL8

### Full Name:

PHD finger protein 11

### Calculated MW:

34 kDa

### Observed MW:

34 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IP, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

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

### Positive Controls:

WB : HeLa cells, HEK-293 cells, mouse thymus tissue

IHC : human lymphoma tissue,

## Background Information

PHF11 is a transcriptional co-activator of the Th1 effector cytokine genes, interleukin-2 (IL2) and interferon- $\gamma$  (IFNG), co-operating with nuclear factor kappa B (NF- $\kappa$ B). The reduction in PHF11 expression seen with an AD-associated genotype could contribute to the strong T(H)2 responses that characterize many allergic individuals.

## Notable Publications

Author	Pubmed ID	Journal	Application
Pauline Muscat	26573531	BMC Immunol	IF
Mehdi Eshraghi	33674575	Nat Commun	WB
Melissa Kane	32678836	PLoS Pathog	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

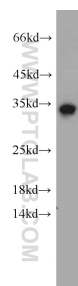
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

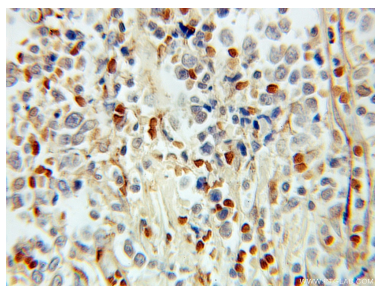
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 10898-1-AP (PHF11 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 10898-1-AP (PHF11 antibody) at dilution of 1:100 (under 10x lens).