

For Research Use Only

# DPF2 Polyclonal antibody

Catalog Number: 12111-1-AP

Featured Product

7 Publications



## Basic Information

**Catalog Number:**

12111-1-AP

**Size:**

600 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2756

**GenBank Accession Number:**

BC014889

**GeneID (NCBI):**

5977

**UNIPROT ID:**

Q92785

**Full Name:**

D4, zinc and double PHD fingers family 2

**Calculated MW:**

391 aa, 44 kDa

**Observed MW:**

44-50 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:8000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:10-1:100

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

WB, IHC, IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Positive Controls:**

**WB:** Jurkat cells, HeLa cells, Y79 cells, HepG2 cells, mouse thymus tissue, K-562 cells

**IP:** Jurkat cells,

**IHC:** human lung cancer tissue, human testis tissue, human pituitary adenoma tissue

**IF/ICC:** HepG2 cells, HeLa cells

**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

DPF2, also named as BAF45D or UBID4, is a 391 amino acid protein, which belongs to the requiem/DPF family. DPF2 may be a transcription factor required for the apoptosis response following survival factor withdrawal from myeloid cells and might also have a role in the development and maturation of lymphoid cells. DPF2 was recently shown to inhibit the myeloid differentiation of hematopoietic stem/progenitor and acute myelogenous leukemia cells.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhenzhen Wang	31736692	Front Neurosci	WB,IHC,IF
Chao Liu	29163067	Front Neuroanat	WB,IHC,IF
Junqi Kuang	34215745	Nat Commun	IF

## 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

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

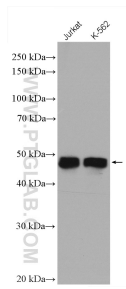
T: 4006900926

E: Proteintech-CN@ptglab.com

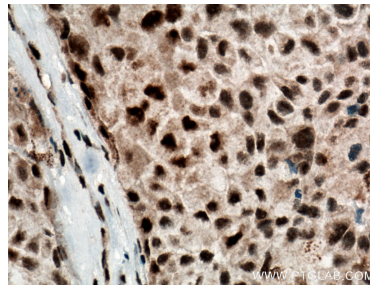
W: ptgcn.com

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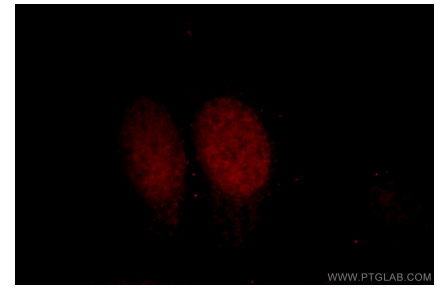
## Selected Validation Data



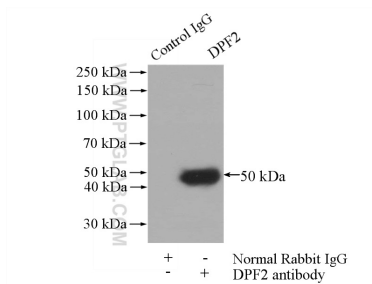
Various cells were subjected to SDS PAGE followed by western blot with 12111-1-AP (DPF2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12111-1-AP (DPF2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using DPF2 antibody 12111-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-DPF2 (IP:12111-1-AP, 4ug; Detection:12111-1-AP 1:500) with Jurkat cells lysate 1200ug.