

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 ug/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 ug 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:

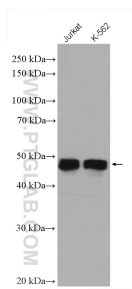
T: 4006900926

E: Proteintech-CN@ptglab.com

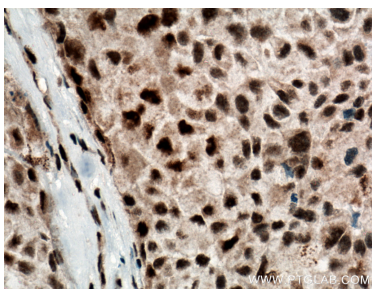
W: ptgcn.com

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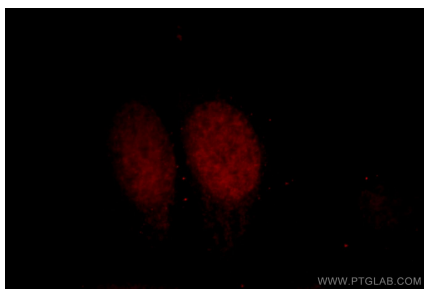
Selected Validation Data



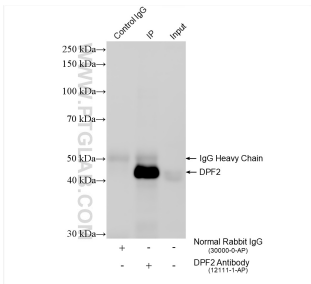
Various cells were subjected to SDS PAGE followed by western blot with 12111-1-AP (DPF2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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 1:6000) with Jurkat cells lysate 1600 ug.