

For Research Use Only

# FMNL1 Polyclonal antibody

Catalog Number: 27834-1-AP

Featured Product

6 Publications



## Basic Information

Catalog Number:

27834-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27312

GenBank Accession Number:

BC111564

GeneID (NCBI):

752

UNIPROT ID:

O95466

Full Name:

formin-like 1

Observed MW:

125-150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

IF 1:50-1:500

## Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

Human

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: Raji cells, Jurkat cells, HeLa cells

IHC: human lymphoma tissue,

IF: U2OS cells,

## Background Information

FMNL1, also named as C17orf1, C17orf1B and FMNL, belongs to the formin homology family. It may play a role in the control of cell motility and survival of macrophages. FMNL1 protein may be involved in anti-apoptosis mechanisms. It is overexpressed in lymphoid malignancies and is found associated with Akt. 27834-1-AP is a rabbit polyclonal antibody recognises the 125-150 kDa protein. (PMID:16494944)

## Notable Publications

Author	Pubmed ID	Journal	Application
Erli Gao	36124068	Biomed Res Int	IHC
Naziha Mansuri	34115237	Gastric Cancer	IHC
Chen Li	36593959	Theranostics	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

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

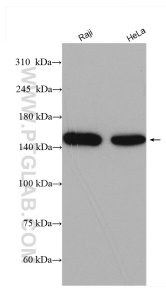
T: 4006900926

E: Proteintech-CN@ptglab.com

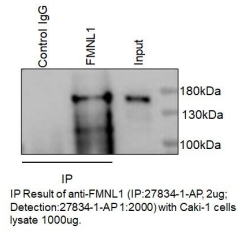
W: ptgcn.com

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

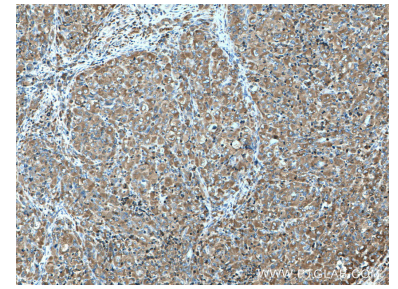
## Selected Validation Data



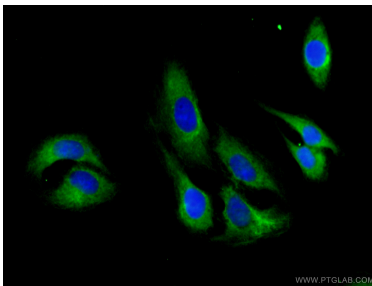
Various lysates were subjected to SDS PAGE followed by western blot with 27834-1-AP (FMNL1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-FMNL1 (IP:27834-1-AP, 2ug; Detection:27834-1-AP 1:2000) with Caki-1 cells lysate 1000 ug. The result was provided by Keli Chai, Xuzhou Medical University.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 27834-1-AP (FMNL1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using 27834-1-AP (FMNL1 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).