

For Research Use Only

FMNL1 Polyclonal antibody

Catalog Number: 27834-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

27834-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

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/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IF, IHC

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/ICC: 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. FMNL 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

*** 20ul sizes contain 0.1% BSA

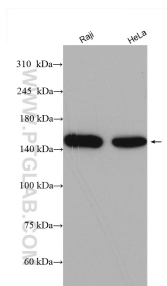
For technical support and original validation data for this product please contact:

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

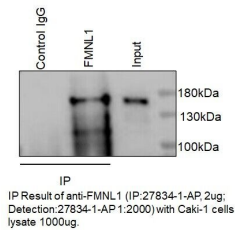
E: proteintech@ptglab.com
W: ptglab.com

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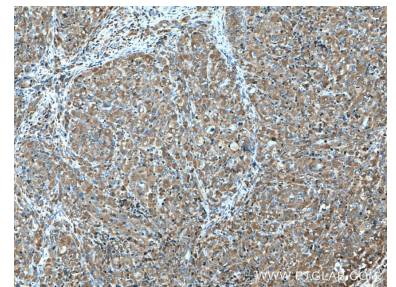
Selected Validation Data



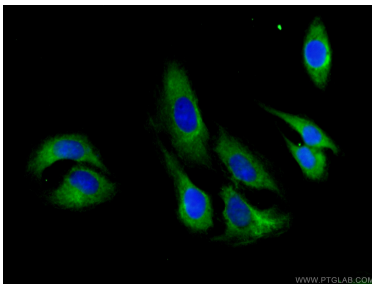
Various lysates were subjected to SDS PAGE followed by western blot with 27834-1-AP (FMNL1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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 Goat Anti-Rabbit IgG(H+L).