

# FMNL1 Polyclonal antibody

Catalog Number: 10395-1-AP

## Basic Information

<b>Catalog Number:</b> 10395-1-AP	<b>GenBank Accession Number:</b> BC001710	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 245 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 752	<b>Recommended Dilutions:</b> WB 1:200-1:500 IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95466	
<b>Isotype:</b> IgG	<b>Full Name:</b> formin-like 1	
<b>Immunogen Catalog Number:</b> AG0594	<b>Calculated MW:</b> 160 kDa	
	<b>Observed MW:</b> 150-160 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> Raji cells, Jurkat cells, HeLa cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human small intestine tissue,
	<b>IF/ICC :</b> U2OS cells, Saos-2 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. The MW of FMNL1 is about 150-160 kDa. (PMID: 16494944)

## Storage

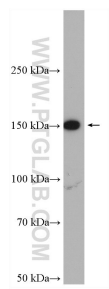
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

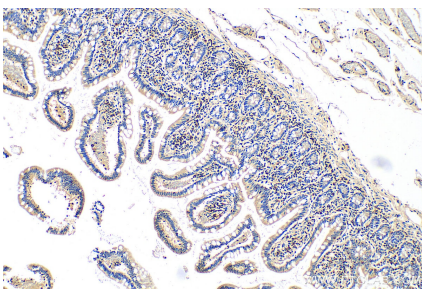
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

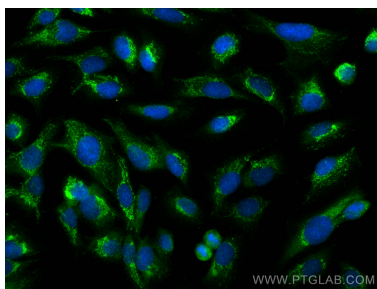
Selected Validation Data



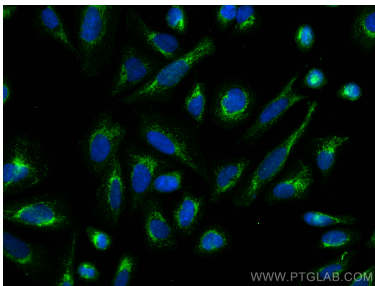
Raji cells were subjected to SDS PAGE followed by western blot with 10395-1-AP (FMNL1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



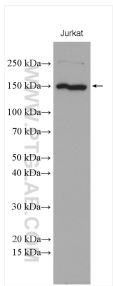
Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10395-1-AP (FMNL1 antibody) at dilution of 1:200 (under 10x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using FMNL1 antibody (10395-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (-20°C Methanol) fixed Saos-2 cells using FMNL1 antibody (10395-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



Jurkat cells were subjected to SDS PAGE followed by western blot with 10395-1-AP (FMNL1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.