SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-FMNL3 antibody

Catalog Number: SL16151R

FOR RESEARCH USE ONLY

[DATASHEET]

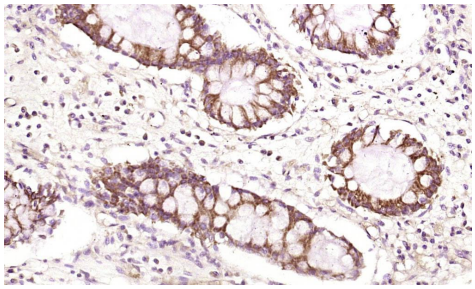
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FMNL3
Immunogen:	KLH conjugated synthetic peptide derived from human FMNL3: 951-1028/1028
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 Flow-Cyt=1ug/test （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Dog,Cow)
Predicted MW.:	117kDa
Subcellular Location:	cytoplasmic
Background:	The protein encoded by this gene contains a formin homology 2 domain and has high sequence identity to the mouse Wbp3 protein. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008] **Function:** FMNL3 is an actin-binding protein that contains a formin homology 2 domain. **Subunit:** Interacts with SRGAP2 (via SH3 domain). **Subcellular Location:** Cytoplasm. Note=Enriched in lamellipodia. **Similarity:** Belongs to the formin homology family. Contains 1 DAD (diaphanous autoregulatory) domain. Contains 1 FH2 (formin homology 2) domain.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

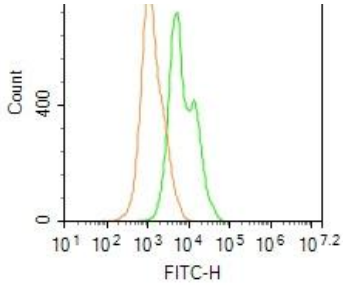
SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	Contains 1 GBD/FH3 (Rho GTPase-binding/formin homology 3) domain. **Database links:** **Entrez Gene:** 91010 Human **SwissProt:** Q8IVF7 Human **Unigene:** 179838 Human

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FMNL3) Polyclonal Antibody, Unconjugated (SL16151R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Blank control: Molt4.
Primary Antibody (green line): Rabbit Anti- FMNL3/FITC Conjugated antibody (SL16151R-FITC)
Dilution: 1µg /10^6 cells;
Isotype Control Antibody (orange line): Rabbit IgG-FITC .
Protocol
The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at-20℃. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. The cells were stained with Primary Antibody for 30 min at room temperature. Acquisition of 20,000 events was performed.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.