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FMNL1 Rabbit pAb

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Catalog # AP58516

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O95466
Predicted	Rat, Pig, Dog, Human, Mouse, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	121854
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FMNL1
Epitope Specificity	831-930/1100
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Cell membrane; Lipid-anchor. Cytoplasmic vesicle, phagosome. Note=Recruited to actin-rich phagosomes during phagocytosis. Translocates to the plasma membrane upon activation by RAC1. Isoform 3: Cytoplasm, cell cortex. Cell projection, bleb. Note=Colocalized with F-actin in bleb protrusions.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FMNL1 (Formin-like protein 1) gene encodes a formin-related protein. Formin-related proteins have been implicated in morphogenesis, cyokinesis, and cell polarity. An alternative splice variant has been described but the full length sequence has not yet been determined. FMNL1 possibly has a role in the control of cell motility and survival of macrophages.

Additional Information

Gene ID	752
Other Names	Formin-like protein 1, CLL-associated antigen KW-13, Leukocyte formin, FMNL1, C17orf1, C17orf1B, FMNL, FRL1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FMNL1
Synonyms	C17orf1, C17orf1B, FMNL, FRL1
Function	Plays a role in actin cytoskeleton dynamics and regulation of cell shape (PubMed:21834987).
Cellular Location	Cytoplasm. Cell membrane; Lipid-anchor. Cytoplasmic vesicle, phagosome. Note=Recruited to actin-rich phagosomes during phagocytosis. Translocates to the plasma membrane upon activation by RAC1 (By similarity).
Tissue Location	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.