



Rabbit Anti-FMNL2 antibody

SL16150R

Product Name:	FMNL2
Chinese Name:	FMNL2蛋白抗体
Alias:	FHOD2; FHOD1_HUMAN; Formin homology 2 domain containing protein 2; Formin like protein 2; KIAA1902.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Monkey,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	123kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FMNL2:951-1050/1164
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	This gene encodes a formin-related protein. Formin-related proteins have been implicated in morphogenesis, cytokinesis, and cell polarity. Alternatively spliced transcript variants encoding different isoforms have been described but their full-length nature has yet to be determined. [provided by RefSeq, Jul 2008] Function:

This gene encodes a formin-related protein. Formin-related proteins have been implicated in morphogenesis, cytokinesis, and cell polarity. Alternatively spliced transcript variants encoding different isoforms have been described but their full-length nature has yet to be determined.

Subunit:

Self-associates via the FH2 domain. Binds to F-actin via its N-terminus. Binds to the cytoplasmic domain of CD21 via its C-terminus. Interacts with ROCK1 in a Src-dependent manner.

Subcellular Location:

Cytoplasm. Cytoplasm, cytoskeleton. Cell projection, bleb. Note=Predominantly cytoplasmic.

Tissue Specificity:

Ubiquitous. Highly expressed in spleen.

Post-translational modifications:

Phosphorylated by ROCK1.

Similarity:

Belongs to the formin homology family.
Contains 1 DAD (diaphanous autoregulatory) domain.
Contains 1 FH1 (formin homology 1) domain.
Contains 1 FH2 (formin homology 2) domain.
Contains 1 GBD/FH3 (Rho GTPase-binding/formin homology 3) domain.

SWISS:

Q96PY5

Gene ID:

114793

Database links:

[Entrez Gene: 114793](#) Human

[Entrez Gene: 71409](#) Mouse

[Entrez Gene: 311033](#) Rat

[SwissProt: Q96PY5](#) Human

[SwissProt: A2APV2](#) Mouse

[Unigene: 654630](#) Human

	<p>Important Note:</p>
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