FMNL2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FMNL2, Polyclonal Antibody
Full Product Name	FMNL2 Polyclonal Antibody
Product Gene Name	anti-FMNL2 antibody
Product Synonym Names	FHOD2; Formin homology 2 domain containing protein 2; Formin like 2; Formin like protein 2; KIAA1902
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	0.96mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
3D Structure	ModBase 3D Structure for Q96PY5
Immunogen	Fusion protein of human FMNL2
Conjugation	Unconjugated
Product Categories/Family for anti-FMNL2 antibody	Cancer; Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FMNL2 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-FMNL2 antibody	IHC: 1:50-1:300 ELISA: 1:5000-1:10000
Related Product Information for anti-FMNL2 antibody	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.
Other Notes	Small volumes of anti-FMNL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FMNL2 purchase	MBS2560808 is an antibody targeting FMNL2. Also known as FMNL2 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Immunohistochemistry (IHC) of anti-FMNL2 antibody
Immunohistochemistry of paraffin-embedded Human tonsil tissue using FMNL2 Polyclonal Antibody at dilution of 1:50(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FMNL2. It may not necessarily be applicable to this product.

NCBI GI #	52485606
NCBI GeneID	114793
NCBI Accession #	NP_443137.2
NCBI Related Accession #	BC036492
UniProt Primary Accession #	Q96PY5
UniProt Related Accession #	Q96PY5
GenBank Nucleotide #	NP_443137.2
NCBI Official Full Name	formin-like protein 2
NCBI Official Synonym Full Names	formin like 2
NCBI Official Symbol	FMNL2
NCBI Official Synonym Symbols	FHOD2
UniProt Protein Name	Formin-like protein 2
UniProt Synonym Protein Names	Formin homology 2 domain-containing protein 2
UniProt Gene Name	FMNL2
UniProt Synonym Gene Names	FHOD2; KIAA1902
UniProt Entry Name	FMNL2_HUMAN
NCBI Protein Information	formin-like protein 2
UniProt Comments for FMNL2	FMNL2: Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the cortical actin filament dynamics. Belongs to the formin homology family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cytoskeletal Chromosomal Location of Human Ortholog: 2q23.3 Cellular Component: cytoplasm Molecular Function: Rho GTPase binding; actin binding Biological Process: regulation of cell morphogenesis; cytoskeleton organization and biogenesis; cortical actin cytoskeleton organization and biogenesis

Research Articles on FMNL2	**1.** Findings reveal that the aberrant activation of FMNL2 promotes the pathogenesis of adenomyosis through inducing the EMT process.
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