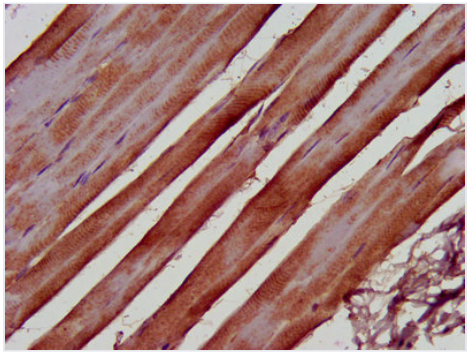
FERMT2 Antibody – Rabbit Polyclonal

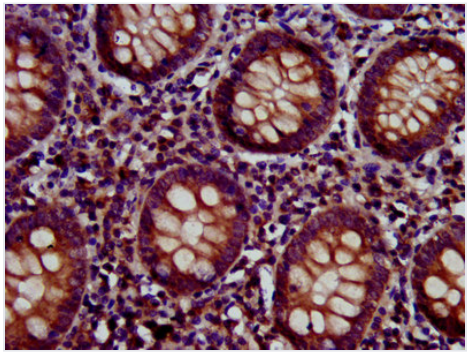
PRODUCT OVERVIEW

Product Name	FERMT2, Polyclonal Antibody
Full Product Name	FERMT2 Antibody
Product Gene Name	anti-FERMT2 antibody
Product Synonym Names	Fermitin family homolog 2; Kindlin-2; Mitogen-inducible gene 2 protein; MIG-2; Pleckstrin homology domain-containing family C member 1; PH domain-containing family C member 1; FERMT2; KIND2; MIG2; PLEKHC1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: FERMT2 (MBS7108531) HRP Conjugated Antibody: FERMT2 (MBS7108532)
Matching Pairs	Unconjugated Antibody: FERMT2 (MBS7108531) FITC Conjugated Antibody: FERMT2 (MBS7108533)
Matching Pairs	Unconjugated Antibody: FERMT2 (MBS7108531) Biotin Conjugated Antibody: FERMT2 (MBS7108534)
Molecular Weight	78,675 Da
OMIM	Z24725 mRNA
3D Structure	ModBase 3D Structure for Q96AC1
Immunogen	Recombinant Human Fermitin family homolog 2 protein (155-232AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-FERMT2 antibody	Signal transduction; Stem cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FERMT2 antibody	ELISA (EIA), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-FERMT2 antibody	IHC: 1:500-1:1000 IF: 1:50-1:200

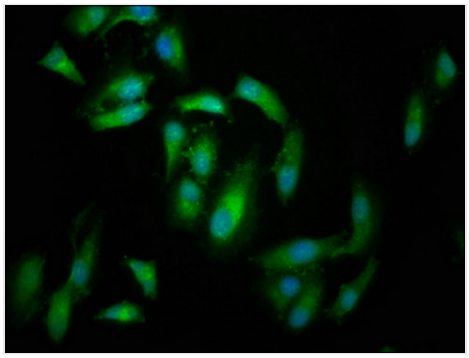
Related Product Information for anti-FERMT2 antibody	Scaffolding protein that enhances integrin activation mediated by TLN1 and/or TLN2, but activates integrins only weakly by itself. Binds to membranes enriched in phosphoinositides. Enhances integrin-mediated cell adhesion onto the extracellular matrix and cell spreading; this requires both its ability to interact with integrins and with phospholipid membranes. Required for the assembly of focal adhesions. Participates in the connection between extracellular matrix adhesion sites and the actin cytoskeleton and also in the orchestration of actin assembly and cell shape modulation. Recruits FBLIM1 to focal adhesions. Plays a role in the TGFB1 and integrin signaling pathways. Stabilizes active CTNNB1 and plays a role in the regulation of transcription mediated by CTNNB1 and TCF7L2/TCF4 and in Wnt signaling.
Other Notes	Small volumes of anti-FERMT2 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 FERMT2 purchase	MBS7108531 is an antibody targeting FERMT2. Also known as FERMT2 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-FERMT2 antibody
IHC image of MBS7108531 diluted at 1:500 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry (IHC) of anti-FERMT2 antibody
IHC image of MBS7108531 diluted at 1:500 and staining in paraffin-embedded human appendix tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry (IHC) of anti-FERMT2 antibody
Immunofluorescence staining of Hela cells with MBS7108531 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C.The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG (H+L).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FERMT2. It may not necessarily be applicable to this product.

NCBI GI #	201861813
NCBI GeneID	10979
NCBI Accession #	NP_001128471.1
UniProt Primary Accession #	Q96AC1

UniProt Secondary Accession #	Q14840; Q86TY7; B5TJY2
UniProt Related Accession #	Q96AC1
GenBank Nucleotide #	NM_001134999.1
NCBI Official Full Name	fermitin family homolog 2 isoform 2
NCBI Official Synonym Full Names	fermitin family member 2
NCBI Official Symbol	FERMT2
NCBI Official Synonym Symbols	MIG2; KIND2; mig-2; UNC112; PLEKHC1; UNC112B
UniProt Protein Name	Fermitin family homolog 2
UniProt Synonym Protein Names	Kindlin-2; Mitogen-inducible gene 2 protein; MIG-2; Pleckstrin homology domain-containing family C member 1; PH domain-containing family C member 1
Protein Family	Fermitin family
UniProt Gene Name	FERMT2
UniProt Synonym Gene Names	KIND2; MIG2; PLEKHC1; MIG-2; PH domain-containing family C member 1
NCBI Protein Information	fermitin family homolog 2
Research Articles on FERMT2	**1.** the rs17125944 polymorphism in FERMT2 gene might not be association with late-onset Alzheimer's disease in northern Han Chinese population
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