FBLI1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FBLI1, Polyclonal Antibody
Full Product Name	FBLI1 rabbit pAb
Product Gene Name	anti-FBLI1 antibody
Product Synonym Gene Name	FBLIM1; FBLP1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Preparation and Storage	Store at -20 degree C for ~1 year
Molecular Weight	40,670 Da
OMIM	607747
3D Structure	ModBase 3D Structure for Q8WUP2
Product Categories/Family for anti-FBLI1 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FBLI1 antibody	Western Blot (WB)
Application Notes for anti-FBLI1 antibody	WB: 1:500-2000
Related Product Information for anti-FBLI1 antibody	This gene encodes a protein with an N-terminal filamin-binding domain, a central proline-rich domain, and, multiple C-terminal LIM domains. This protein localizes at cell junctions and may link cell adhesion structures to the actin cytoskeleton. This protein may be involved in the assembly and stabilization of actin-filaments and likely plays a role in modulating cell adhesion, cell morphology and cell motility. This protein also localizes to the nucleus and may affect cardiomyocyte differentiation after binding with the CSX/NKX2-5 transcription factor. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Other Notes	Small volumes of anti-FBLI1 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 FBLI1 purchase	MBS8601404 is an antibody targeting FBLI1. Also known as FBLI1 rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FBLI1. It may not necessarily be applicable to this product.

NCBI GI #	66932988
NCBI GeneID	54751
NCBI Accession #	NP_001019387.1

UniProt Primary Accession #	Q8WUP2
UniProt Secondary Accession #	Q5VVE0; Q5VVE1; Q8IX23; Q96T00; Q9UFD6; B3KNY0
UniProt Related Accession #	Q8WUP2
GenBank Nucleotide #	NM_001024216.1
NCBI Official Full Name	filamin-binding LIM protein 1 isoform c
NCBI Official Synonym Full Names	filamin binding LIM protein 1
NCBI Official Symbol	FBLIM1
NCBI Official Synonym Symbols	CAL; FBLP1; FBLP-1
UniProt Protein Name	Filamin-binding LIM protein 1
UniProt Synonym Protein Names	Migfilin; Mitogen-inducible 2-interacting protein
UniProt Gene Name	FBLIM1
UniProt Synonym Gene Names	FBLP1; FBLP-1
UniProt Entry Name	FBLI1_HUMAN
NCBI Protein Information	filamin-binding LIM protein 1; migfilin; CSX-associated LIM; MIG2-interacting protein; filamin-binding LIM protein-1; mitogen-inducible 2 interacting protein; mitogen-inducible 2-interacting protein
UniProt Comments for FBLI1	FBLIM1: Serves as an anchoring site for cell-ECM adhesion proteins and filamin-containing actin filaments. Is implicated in cell shape modulation (spreading) and motility. May participate in the regulation of filamin-mediated cross-linking and stabilization of actin filaments. May also regulate the assembly of filamin- containing signaling complexes that control actin assembly. Promotes dissociation of FLNA from ITGB3 and ITGB7. Promotes activation of integrins and regulates integrin-mediated cell-cell adhesion. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 1p36.21 Cellular Component: focal adhesion; stress fiber; cell cortex; cytosol Molecular Function: zinc ion binding; filamin binding Biological Process: regulation of cell shape; cell-cell adhesion; regulation of integrin activation
Research Articles on FBLI1	**1.** the present study emphasizes for the first time to our knowledge the role of Migfilin in osteoarthritis(OA) and highlights the importance of cell-ECM adhesion proteins in OA pathogenesis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/fbli1/8601404