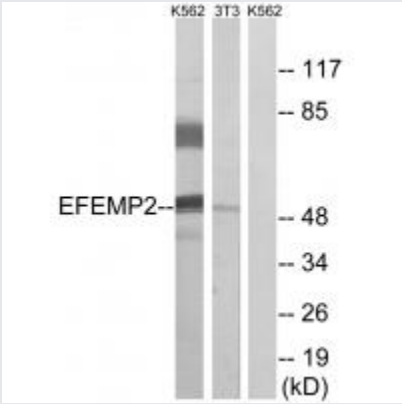
EFEMP2 Antibody – Rabbit Polyclonal

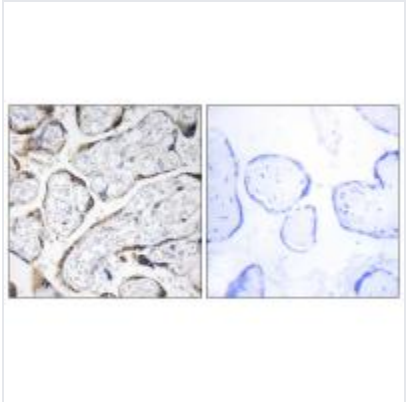
PRODUCT OVERVIEW

Product Name	EFEMP2, Polyclonal Antibody
Full Product Name	EFEMP2 Antibody
Product Gene Name	anti-EFEMP2 antibody
Product Synonym Names	EGF-containing fibulin-like extracellular matrix protein 2; FBLN4
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1.0 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total EFEMP2 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	49,405 Da
OMIM	604633
3D Structure	ModBase 3D Structure for O95967
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human EFEMP2.
Target Name	EFEMP2
Product Categories/Family for anti-EFEMP2 antibody	Total protein Ab
Applications Tested/Suitable for anti-EFEMP2 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-EFEMP2 antibody	Western blotting: 1:500~1:3000 Immunohistochemistry: 1:50~1:100 Immunofluorescence: 1:100~1:500
Related Product Information for anti-EFEMP2 antibody	A large number of extracellular matrix proteins have been found to contain variations of the epidermal growth factor (EGF) domain and have been implicated in functions as diverse as blood coagulation, activation of complement and determination of cell fate during development. The protein encoded by this gene contains four EGF2 domains and six calcium-binding EGF2 domains. This gene is necessary for elastic fiber formation and connective tissue development. Defects in this gene are cause of an autosomal recessive cutis laxa syndrome. Alternatively spliced transcript variants have been identified for this gene.Giltay R., Matrix Biol. 18:469-480(1999).Zemel R., Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases.Katsanis N., Hum. Genet. 106:66-72(2000).
Other Notes	Small volumes of anti-EFEMP2 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 EFEMP2 purchase	MBS9408706 is an antibody targeting EFEMP2. Also known as EFEMP2 Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-EFEMP2 antibody
Western blot analysis of extracts from K562 cells and 3T3 cells, using EFEMP2 antibody.



Immunohistochemistry (IHC) of anti-EFEMP2 antibody
Immunohistochemistry analysis of paraffin-embedded human placenta tissue using EFEMP2 antibody.



Immunofluorescence (IF) of anti-EFEMP2 antibody
Immunofluorescence analysis of A549 cells, using EFEMP2 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EFEMP2. It may not necessarily be applicable to this product.

NCBI GI #	320118911
NCBI GeneID	30008
NCBI Accession #	NP_058634.4
UniProt Primary Accession #	O95967
UniProt Secondary Accession #	O75967; A8K7R4; B3KM31; B3KQT1
UniProt Related Accession #	O95967
GenBank Nucleotide #	NM_016938.4
NCBI Official Full Name	EGF-containing fibulin-like extracellular matrix protein 2
NCBI Official Synonym Full Names	EGF containing fibulin-like extracellular matrix protein 2
NCBI Official Symbol	EFEMP2
NCBI Official Synonym Symbols	MBP1; UPH1; FBLN4; ARCL1B
UniProt Protein Name	EGF-containing fibulin-like extracellular matrix protein 2
UniProt Synonym Protein Names	Fibulin-4; FIBL-4; Protein UPH1

Protein Family	EGF-containing fibulin-like extracellular matrix protein
UniProt Gene Name	EFEMP2
UniProt Synonym Gene Names	FBLN4; FIBL-4
UniProt Entry Name	FBLN4_HUMAN
NCBI Protein Information	EGF-containing fibulin-like extracellular matrix protein 2
NCBI Summary for EFEMP2	A large number of extracellular matrix proteins have been found to contain variations of the epidermal growth factor (EGF) domain and have been implicated in functions as diverse as blood coagulation, activation of complement and determination of cell fate during development. The protein encoded by this gene contains four EGF2 domains and six calcium-binding EGF2 domains. This gene is necessary for elastic fiber formation and connective tissue development. Defects in this gene are cause of an autosomal recessive cutis laxa syndrome. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jan 2011]
UniProt Comments for EFEMP2	EFEMP2: Defects in EFEMP2 are the cause of cutis laxa, autosomal recessive, type 1B (ARCL1B). A connective tissue disorder characterized by characterized by loose, hyperextensible skin with decreased resilience and elasticity leading to a premature aged appearance. Face, hands, feet, joints, and torso may be differentially affected. The clinical spectrum of autosomal recessive cutis laxa is highly heterogeneous with respect to organ involvement and severity. ARCL1B features include emphysema, lethal pulmonary artery occlusion, aortic aneurysm, cardiopulmonary insufficiency, birth fractures, arachnodactyly, and fragility of blood vessels. Belongs to the fibulin family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 11q13.1 Cellular Component: extracellular region; plasma membrane; basement membrane; vesicle Molecular Function: protein binding; transmembrane receptor activity; extracellular matrix structural constituent; calcium ion binding Biological Process: extracellular matrix organization and biogenesis; blood coagulation; signal transduction Disease: Cutis Laxa, Autosomal Recessive, Type Ib
Research Articles on EFEMP2	**1.** pulmonary emphysema in aneurysmal Fibulin-4 deficient (Fibulin-4(R)) mice
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/efemp2/9408706