FBLN2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FBLN2, Polyclonal Antibody
Full Product Name	FBLN2 Conjugated Antibody
Product Gene Name	anti-FBLN2 antibody
Product Synonym Names	FBLN2; FIBL-2; fibulin 2; Fibulin-2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total FBLN2 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	126KD
OMIM	135821
3D Structure	ModBase 3D Structure for P98095
Immunogen	Synthetic peptide of human FBLN2
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-FBLN2 antibody	Most Applications
Application Notes for anti-FBLN2 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-FBLN2 antibody	This gene encodes an extracellular matrix protein, which belongs to the fibulin family. This protein binds various extracellular ligands and calcium. It may play a role during organ development, in particular, during the differentiation of heart, skeletal and neuronal structures. Alternatively spliced transcript variants encoding different isoforms have been identified.
Other Notes	Small volumes of anti-FBLN2 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 FBLN2 purchase	MBS9451566 is an antibody targeting FBLN2. Also known as FBLN2 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FBLN2. It may not necessarily be applicable to this product.

NCBI GI #	51873055
NCBI GeneID	2199
NCBI Accession #	NP_001989
UniProt Primary Accession #	P98095
UniProt Related Accession #	P98095
GenBank Nucleotide #	NP_001989.2
NCBI Official Full Name	fibulin-2 isoform b
NCBI Official Synonym Full Names	fibulin 2
NCBI Official Symbol	FBLN2
UniProt Protein Name	Fibulin-2
Protein Family	Fibulin
UniProt Gene Name	FBLN2
UniProt Synonym Gene Names	FIBL-2
UniProt Entry Name	FBLN2_HUMAN
NCBI Protein Information	fibulin-2
UniProt Comments for FBLN2	FBLN2: Its binding to fibronectin and some other ligands is calcium dependent. Belongs to the fibulin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 3p25.1 Cellular Component: extracellular matrix; proteinaceous extracellular matrix; extracellular region; vesicle Molecular Function: extracellular matrix binding; extracellular matrix structural constituent; calcium ion binding Biological Process: extracellular matrix organization and biogenesis
Research Articles on FBLN2	**1.** Gene-based tests indicated an association between intracranial aneurysms and FBLN2, a gene encoding an extracellular matrix protein implicated in vascular wall remodeling.
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