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Datasheet for ABIN1701235

anti-FBLN4 antibody (AA 331-443) (Biotin)

1 Publication

Overview

Quantity:	100 µL
Target:	FBLN4
Binding Specificity:	AA 331-443
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBLN4 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EFEMP2/Fibulin 4
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	FBLN4
Alternative Name:	EFEMP2/Fibulin 4 (FBLN4 Products)
Background:	Synonyms: EFEMP2, EGF containing fibulin like extracellular matrix protein 2, EGF-containing

Target Details

fibulin-like extracellular matrix protein 2, FBLN 4, FBLN4, FBLN4_HUMAN, FIBL 4, FIBL-4, FIBL4, Fibulin4, Fibulin-4, MBP 1, MBP1, Mutant p53 binding protein 1, Protein UPH1, UPH 1, UPH1, UPH1 protein.

Background: Fibulin proteins contribute to normal development of elastic fiber systems in various types of organs that require elasticity, such as vasculature, lung and skin. Fibulin-4, also known as EFEMP2 (EGF-containing fibulin-like extracellular matrix protein 2), MBP1 or UPH1 is a 443 amino acid secreted protein that contains six EGF-like calcium-binding domains and belongs to the fibulin family. Expressed ubiquitously with highest expression in heart, Fibulin-4 is essential for connective tissue development and elastic fiber formation, and may also play an important role in vascular patterning and collagen biosynthesis. Defects in the gene encoding Fibulin-4 are associated with autosomal recessive cutis laxa type I (CL type I), a connective tissue disorder that is inherited in both an autosomal dominant and an autosomal recessive manner and is characterized by inelastic tissue in all affected areas of the body.

Gene ID: 30008

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months

Publications

Product cited in: Dekker, van Geemen, van den Bogaardt, Driessen-Mol, Aikawa, Smits: "Sheep-Specific Immunohistochemical Panel for the Evaluation of Regenerative and Inflammatory Processes in Tissue-Engineered Heart Valves." in: **Frontiers in cardiovascular medicine**, Vol. 5, pp. 105, (2018) ([PubMed](#)).