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Datasheet for ABIN1395541

anti-Fibrillin 2 antibody (AA 1001-1200) (Biotin)

Overview

Quantity:	100 µL
Target:	Fibrillin 2 (FBN2)
Binding Specificity:	AA 1001-1200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibrillin 2 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Fibrillin 2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Fibrillin 2 (FBN2)
Alternative Name:	Fibrillin 2 (FBN2 Products)
Background:	Synonyms: CCA, congenital contractural arachnodactyly Marfanoid-like, DA9, FBN2,

Target Details

FBN2_HUMAN, fibrillin 2 congenital contractural arachnodactyly, Fibrillin-2.

Background: Extracellular glycoproteins fibrillin-1 and -2 are major components of connective tissue microfibrils. Fibrillin-2 containing microfibrils regulate the early process of elastic fiber assembly in tissue. Mutations in the fibrillin-2 gene resulting in impaired assembly of fibrillin-2 may lead to molecular congenital contractural arachnodactyly. Fibrillin-2 constitutes the backbone of microfibrils which insert directly into the lamina densa of basement membranes. Epithelial cells primarily deposit fibrillin into the extracellular matrix in a nonfibrillar form. Mutations in the 8-cysteine motif of Fibrillin-2 alters its binding to microfibril-associated glycoprotein-1 (MAGP-1), which may increase the severity of congenital contractural arachnodactyly.

Pathways: [Maintenance of Protein Location](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: 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