

FBN3 Rabbit pAb

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Catalog # AP56080

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q75N90
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	300356
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FBN3
Epitope Specificity	2701-2809/2809
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted; extracellular space; extracellular matrix.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a protein that belongs to the fibrillin gene family. Fibrillins are extracellular matrix molecules that assemble into microfibrils in many connective tissues. This gene is most highly expressed in fetal tissues and its protein product is localized to extracellular microfibrils of developing skeletal elements, skin, lung, kidney, and skeletal muscle. This gene is potentially involved in Weill-Marchesani syndrome. While several transcript variants may exist for this gene, their full-length natures have not been described to date. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	84467
Other Names	Fibrillin-3, Fibrillin-3 C-terminal peptide, FBN3, KIAA1776
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FBN3
Synonyms	KIAA1776
Function	[Fibrillin-3]: Fibrillins are structural components of 10-12 nm extracellular calcium-binding microfibrils, which occur either in association with elastin or in elastin-free bundles. Fibrillin- containing microfibrils provide long-term force bearing structural support.
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Predominantly expressed in connective tissues such as skeletal muscle, tendon, skin, perichondrium and periosteum. Highly expressed in fetal lung, brain, kidney. Expressed at low level in prostate, testis, mammary gland, uterus, ovary, placenta, bladder, adrenal gland, thyroid, fetal thymus, fetal liver, liver, fetal heart and heart.

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.