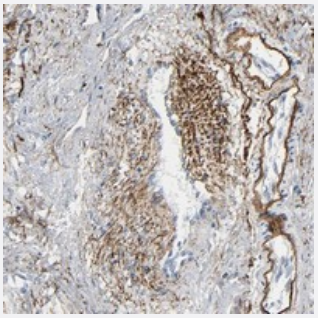
Sm Size

FBLN5 polyclonal antibody

Catalog # PAB20005 Size 25 uL, 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human smooth muscle with FBLN5 polyclonal antibody (Cat # PAB20005) shows cytoplasmic positivity in smooth muscle cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant FBLN5.
Immunogen	Recombinant protein corresponding to amino acids of human FBLN5.
Sequence	TYFCSCPPGYILLDDNRSCQDINECEHRNHTCNLQQTCYNLQGGFKCIDPIRCEEPYLRISDNRCM CPAENPGCRDQPFTILYRDMDVVSGRSVPADIFQMQATTRYPGAYYIFQIKSGNEGREFYMRQTG PISATLVMTRPIKGPR
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

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Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — FBLN5

Entrez GeneID	10516
Protein Accession#	Q9UBX5
Gene Name	FBLN5
Gene Alias	ARMD3, DANCE, EVEC, FIBL-5, FLJ90059, UP50
Gene Description	fibulin 5
Omim ID	123700 219100 604580 608895
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a secreted, extracellular matrix protein containing an Arg-Gly-Asp (RGD) motif and calcium-binding EGF-like domains. It promotes adhesion of endothelial cell s through interaction of integrins and the RGD motif. It is prominently expressed in developing arte ries but less so in adult vessels. However, its expression is reinduced in balloon-injured vessels a nd atherosclerotic lesions, notably in intimal vascular smooth muscle cells and endothelial cells. T herefore, the protein encoded by this gene may play a role in vascular development and remodeli ng. Defects in this gene are a cause of autosomal dominant cutis laxa, autosomal recessive cutis laxa type I (CL type I), and age-related macular degeneration type 3 (ARMD3). [provided by RefS eq
Other Designations	developmental arteries and neural crest epidermal growth factor-like|urine p50 protein

Disease

- Aortic Aneurysm

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- Atherosclerosis
- Calcinosis
- Coronary Artery Disease
- Diabetes Mellitus
- Disease Progression
- Genetic Predisposition to Disease
- Macular Degeneration
- Tobacco Use Disorder
- Vision

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