

Anti-Fibulin 5 Rabbit Monoclonal Antibody

Catalog # ABO15163

Product Information

Application	WB
Primary Accession	Q9UBX5
Host	Rabbit
Isotype	IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Fibulin 5 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse.

Additional Information

Gene ID	10516
Other Names	Fibulin-5, FIBL-5, Developmental arteries and neural crest EGF-like protein, Dance, Urine p50 protein, UP50, FBLN5, DANCE
Calculated MW	50180
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 17F39
Immunogen	A synthesized peptide derived from human Fibulin 5
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	FBLN5
Synonyms	DANCE
Function	Essential for elastic fiber formation, is involved in the assembly of continuous elastin (ELN) polymer and promotes the interaction of microfibrils and ELN (PubMed: 18185537). Stabilizes and organizes elastic fibers in the

skin, lung and vasculature (By similarity). Promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. Vascular ligand for integrin receptors which may play a role in vascular development and remodeling (PubMed:[10428823](#)). May act as an adapter that mediates the interaction between FBN1 and ELN (PubMed:[17255108](#)).

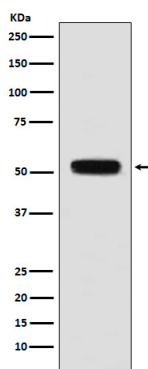
Cellular Location

Secreted. Secreted, extracellular space, extracellular matrix. Note=co-localizes with ELN in elastic fibers.

Tissue Location

Expressed in skin fibroblasts (at protein level) (PubMed:17035250). Expressed predominantly in heart, ovary, and colon but also in kidney, pancreas, testis, lung and placenta. Not detectable in brain, liver, thymus, prostate, or peripheral blood leukocytes (PubMed:10428823).

Images



Western blot analysis of Fibulin 5 expression in mouse heart lysate.

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