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Fibulin 5 Antibody

Rabbit mAb
Catalog # AP91350

Product Information

Application	WB
Primary Accession	Q9UBX5
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	Fibulin-5; FIBL-5; Fibulin 5; FIBL 5; Fibulin5; FIBL5; Dance; Urine p50 protein; UP50; DANCE;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	50180

Additional Information

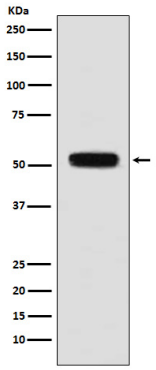
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Fibulin 5
Description	Promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. Could be a vascular ligand for integrin receptors and may play a role in vascular development and remodeling.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

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