ELK Biotechnology

Fibulin-5 rabbit pAb

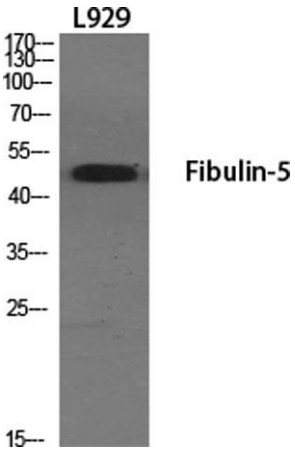
Cat No.:ES2344

For research use only

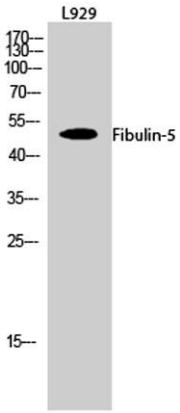
Overview

Product Name	Fibulin-5 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human FBLN5. AA range:171-220
Specificity	Fibulin-5 Polyclonal Antibody detects endogenous levels of Fibulin-5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Fibulin-5
Gene Name	FBLN5
Cellular localization	Secreted . Secreted, extracellular space, extracellular matrix . co-localizes with ELN in elastic fibers. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	10516
Human Swiss-Prot Number	Q9UBX5
Alternative Names	FBLN5; DANCE; Fibulin-5; FIBL-5; Developmental arteries and neural crest EGF-like protein; Dance; Urine p50 protein; UP50
Background	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

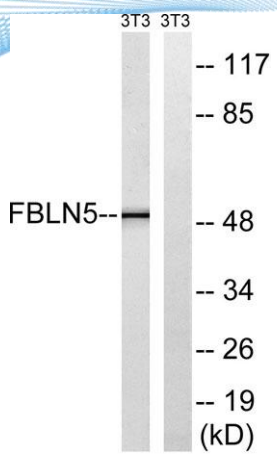
endothelial cells through interaction of integrins and the RGD motif. It is prominently expressed in developing arteries but less so in adult vessels. However, its expression is reinduced in balloon-injured vessels and atherosclerotic lesions, notably in intimal vascular smooth muscle cells and endothelial cells. Therefore, the protein encoded by this gene may play a role in vascular development and remodeling. 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 RefSeq, Jul 2008],



Western Blot analysis of various cells using Fibulin-5 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of L929 cells using Fibulin-5 Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from NIH/3T3 cells, using FBLN5 Antibody. The lane on the right is blocked with the synthesized peptide.

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