

Fibulin-5 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03242
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human FBLN5. AA range:171-220
Mol wt	50180
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Fibulin-5 Antibody
Synonyms	FBLN5; DANCE; Fibulin-5; FIBL-5; Developmental arteries and neural crest EGF-like protein; Dance; Urine p50 protein; UP50

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Fibulin-5 encoded by FBLN5 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).

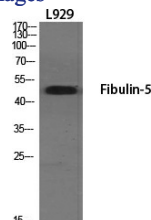
Recommended Dilution

WB: 1: 500 - 1: 2000

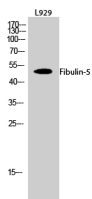
ELISA: 1: 5000

Not yet tested in other applications.

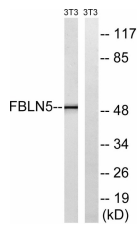
Images



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.

Storage

-20°C for one year

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