

FBLN5 Rabbit Polyclonal Antibody



CAB9961

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

72kDa

Calculated MW:

50kDa

Applications:

WB IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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).

Immunogen information

Gene ID:

10516

Uniprot

Q9UBX5

Synonyms:

FBLN5; ADCL2; ARCL1A; ARMD3; DANCE; EVEC; FIBL-5; HNARMD; UP50; fibulin-5

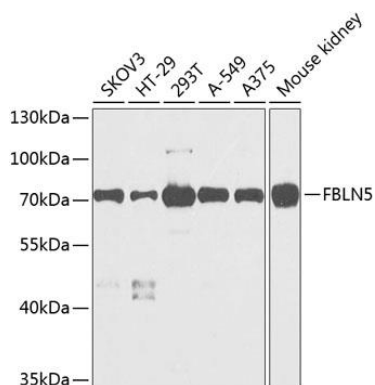
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 199-448 of human FBLN5 (NP_006320.2).

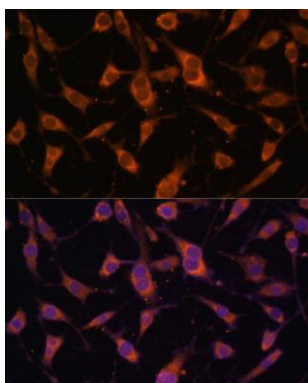
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using FBLN5 antibody (CAB9961) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunofluorescence analysis of L929 cells using FBLN5 Polyclonal Antibody (CAB9961) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.