

FBLN5 Rabbit Polyclonal Antibody

Catalog No: #55641

Package Size: #55641-1 50ul #55641-2 100ul

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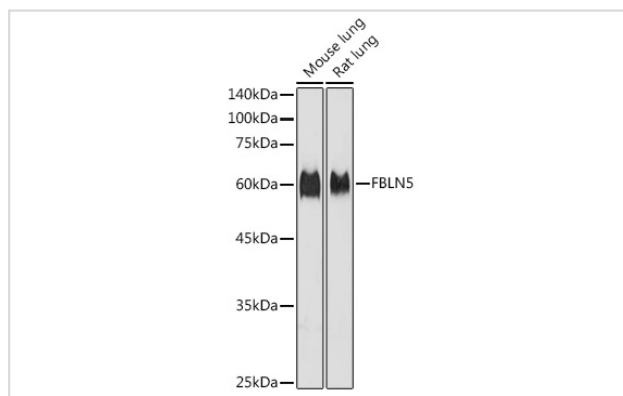
Description

Product Name	FBLN5 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human FBLN5 (NP_006320.2).
Conjugates	Unconjugated
Other Names	FBLN5;ADCL2;ARCL1A;ARMD3;DANCE;EVEC;FIBL-5;HNARMD;UP50;fibulin-5
Accession No.	Uniprot:Q9UBX5GeneID:10516
Calculated MW	50kDa
SDS-PAGE MW	60KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

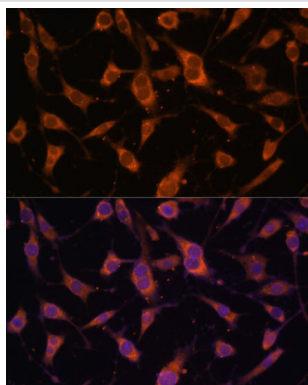
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:100

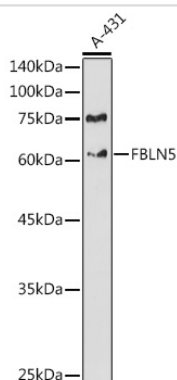
Images



Western blot analysis of extracts of various cell lines, using FBLN5 antibody.



Immunofluorescence analysis of L929 cells using FBLN5 Polyclonal Antibody.



Western blot analysis of extracts of A-431 cells, using FBLN5 antibody.

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.