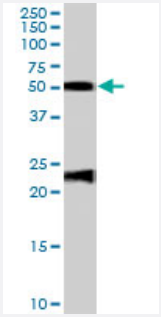
FBLN5 polyclonal antibody

Catalog # PAB7098 Size 100 ug

Applications



Western Blot (Tissue lysate)

FBLN5 polyclonal antibody (Cat # PAB7098) (0.1 ug/mL) staining of human ovary lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of FBLN5.
Immunogen	A synthetic peptide corresponding to human FBLN5.
Sequence	C-RPIKGPREIQLDLE
Host	Goat
Theoretical MW (kDa)	50.2
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  FBLN5 polyclonal antibody (Cat # PAB7098) (0.1 ug/mL) staining of human ovary lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — FBLN5

Entrez GeneID	10516
Protein Accession#	NP_006320.2
Gene Name	FBLN5
Gene Alias	ARMD3, DANCE, EVEC, FIBL-5, FLJ90059, UP50
Gene Description	fibulin 5
Omim ID	123700 219100 604580 608895
Gene Ontology	Hyperlink
Gene Summary	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 cell s through interaction of integrins and the RGD motif. It is prominently expressed in developing arte ries but less so in adult vessels. However, its expression is reinduced in balloon-injured vessels a nd atherosclerotic lesions, notably in intimal vascular smooth muscle cells and endothelial cells. T herefore, the protein encoded by this gene may play a role in vascular development and remodeli ng. 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 RefS eq
Other Designations	developmental arteries and neural crest epidermal growth factor-like|urine p50 protein

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Publication Reference

- Fibulins 3 and 5 antagonize tumor angiogenesis in vivo.

  Albig AR, Neil JR, Schiemann WP.

  Cancer Research 2006 Mar; 66(5):2621.

Disease

- Aortic Aneurysm
- Atherosclerosis
- Calcinosis
- Coronary Artery Disease
- Diabetes Mellitus
- Disease Progression
- Genetic Predisposition to Disease
- Macular Degeneration
- Tobacco Use Disorder
- Vision

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