

## Anti-Fibulin 5 Rabbit Monoclonal Antibody Catalog # ABO15163

### Specification

---

#### Anti-Fibulin 5 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	<a href="#">Q9UBX5</a>
Host	Rabbit
Isotype	IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid

#### Description

Anti-Fibulin 5 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse.

#### Anti-Fibulin 5 Rabbit Monoclonal Antibody - Additional Information

**Gene ID** 10516

#### Other Names

Fibulin-5, FIBL-5, Developmental arteries and neural crest EGF-like protein, Dance, Urine p50 protein, UP50, FBLN5, DANCE

#### Application Details

WB 1:500-1:2000

#### Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

#### Immunogen

A synthesized peptide derived from human Fibulin 5

#### Purification

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

#### Anti-Fibulin 5 Rabbit Monoclonal Antibody - Protein Information

**Name** FBLN5

**Synonyms** DANCE

### Function

Essential for elastic fiber formation, is involved in the assembly of continuous elastin (ELN) polymer and promotes the interaction of microfibrils and ELN (PubMed:<a href="http://www.uniprot.org/citations/18185537" target="\_blank">18185537</a>). Stabilizes and organizes elastic fibers in the skin, lung and vasculature (By similarity). Promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. Vascular ligand for integrin receptors which may play a role in vascular development and remodeling (PubMed:<a href="http://www.uniprot.org/citations/10428823" target="\_blank">10428823</a>). May act as an adapter that mediates the interaction between FBN1 and ELN (PubMed:<a href="http://www.uniprot.org/citations/17255108" target="\_blank">17255108</a>).

### Cellular Location

Secreted. Secreted, extracellular space, extracellular matrix. Note=co-localizes with ELN in elastic fibers.

### Tissue Location

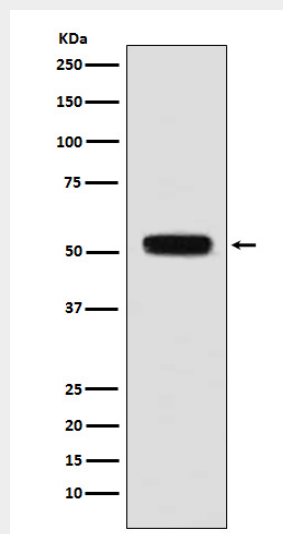
Expressed in skin fibroblasts (at protein level) (PubMed:17035250). Expressed predominantly in heart, ovary, and colon but also in kidney, pancreas, testis, lung and placenta. Not detectable in brain, liver, thymus, prostate, or peripheral blood leukocytes (PubMed:10428823).

## Anti-Fibulin 5 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-Fibulin 5 Rabbit Monoclonal Antibody - Images



Western blot analysis of Fibulin 5 expression in mouse heart lysate.