



Human FBLN5 blocking peptide (CDBP1232)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Fibulin 5/FBLN5 antibody
Antigen Description	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). [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	FBLN5 fibulin 5 [Homo sapiens (human)]
Official Symbol	FBLN5

Synonyms	FBLN5; fibulin 5; EVEC; UP50; ADCL2; ARMD3; DANCE; ARCL1A; FIBL-5; fibulin-5; urine p50 protein; developmental arteries and neural crest EGF-like protein;
Entrez Gene ID	10516
mRNA Refseq	NM_006329.3
Protein Refseq	NP_006320.2
UniProt ID	Q9UBX5
Chromosome Location	14q32.1
Pathway	Elastic fibre formation, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem; Molecules associated with elastic fibres, organism-specific biosystem;
Function	calcium ion binding; integrin binding; protein C-terminus binding; protein binding;