

Product datasheet for **TA321761**

Fibulin 5 (FBLN5) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 408-422 amino acids of Human fibulin 5
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	fibulin 5
Database Link:	NP_006320 Entrez Gene 23876 Mouse Entrez Gene 29158 Rat Entrez Gene 10516 Human Q9UBX5



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Background:

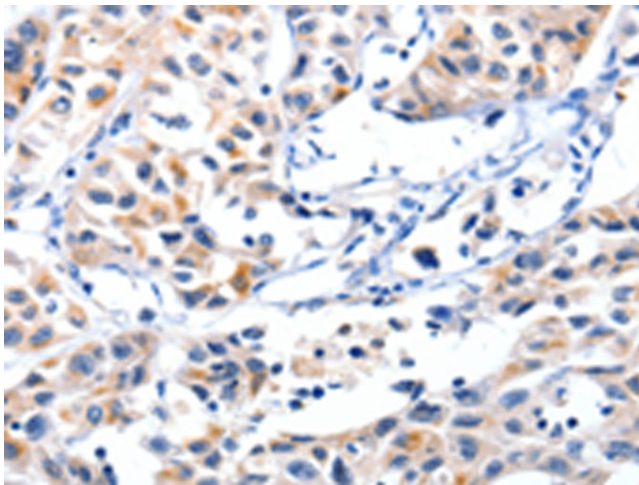
The protein encoded by this gene is a secreted; extracellular matrix protein containing an Arg-Gly-Asp (RGD) motif and calcium-binding EGF-like domains. It promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. It is prominently expressed in developing arteries but 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).

Synonyms:

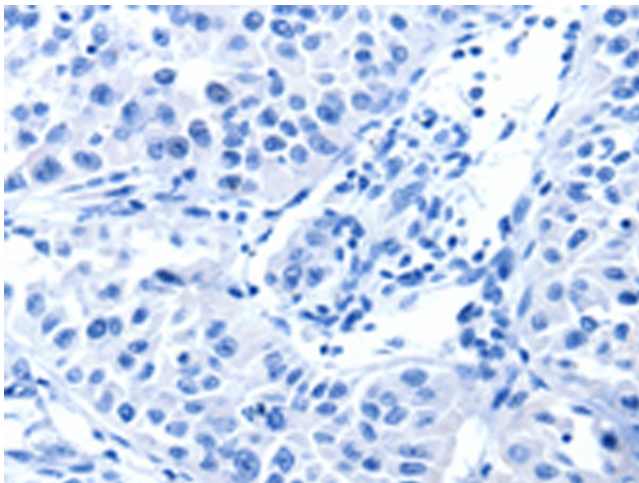
ADCL2; ARCL1A; ARMD3; DANCE; EVEC; FIBL-5; HNARMD; UP50

Protein Families:

Secreted Protein

Product images:

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321761 (FBLN5 Antibody) at dilution 1/85 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321761 (FBLN5 Antibody) at dilution 1/85, treated with synthetic peptide. (Original magnification: $\times 200$)