产品名称：Fibulin-4 Rabbit Polyclonal Antibody
产品货号：APRab10980

产品概述（Summary）

产品名称（Production Name）	Fibulin-4 Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,IHC,ICC/IF,ELISA
种属反应性（Reactivity）	Human,Rat,Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	EFEMP2
别名（Alternative Names）	EFEMP2; FBLN4; EGF-containing fibulin-like extracellular matrix protein 2; Fibulin-4; FIBL-4; Protein UPH1
基因 ID（Gene ID）	30008.0
蛋白 ID（SwissProt ID）	O95967.The antiserum was produced against synthesized peptide derived from human EFEMP2. AA range:91-140

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量（Molecular Weight）	50kDa

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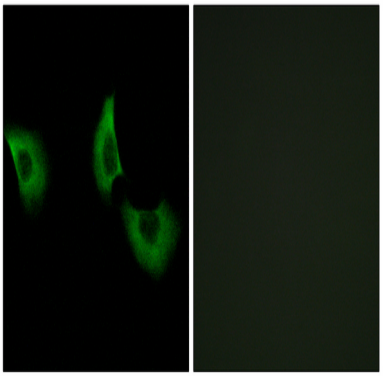
研究背景（Background）

A large number of extracellular matrix proteins have been found to contain variations of the epidermal growth factor (EGF) domain and have been implicated in functions as diverse as blood coagulation, activation of complement and determination of cell fate during development. The protein encoded by this gene contains four EGF2 domains and six calcium-binding EGF2 domains. This gene is necessary for elastic fiber formation and connective tissue development. Defects in this gene are cause of an autosomal recessive cutis laxa syndrome. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jan 2011],disease:Defects in EFEMP2 are a cause of autosomal recessive cutis laxa type I (CL type I) [MIM:219100]. Hereditary cutis laxa refers to a heterogeneous group of connective tissue disorders characterized by cutaneous abnormalities and variable systemic manifestations. The most constant clinical feature is loose skin, sagging over the face and trunk. Hereditary cutis laxa is inherited in both autosomal dominant and autosomal recessive modes. CL type I shows the most severe phenotype and has the poorest prognosis. In addition to the skin, internal organs enriched in elastic fibers, such as the lung and arteries, are affected.,similarity:Belongs to the fibulin family.,similarity:Contains 6 EGF-like domains.,

研究领域（Research Area）

图片（Image Data）



Immunofluorescence analysis of A549 cells, using EFEMP2 Antibody. The picture on the right is blocked with the synthesized peptide.

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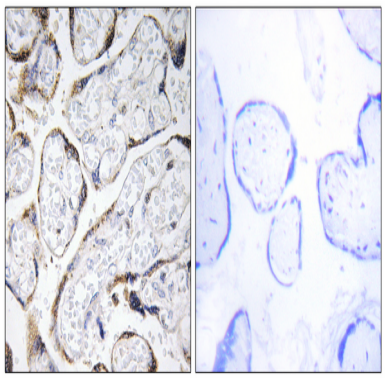
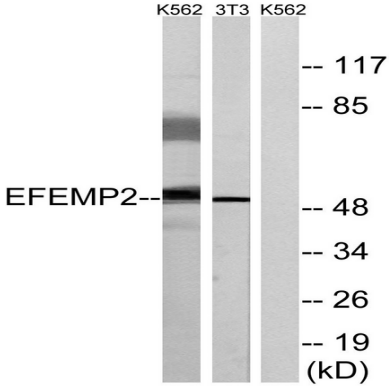


Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using EFEMP2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from K562 and NIH/3T3 cells, using EFEMP2 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项（Note）

For research use only .