

Fibulin-4 rabbit pAb**Cat#: orb768583 (Manual)**

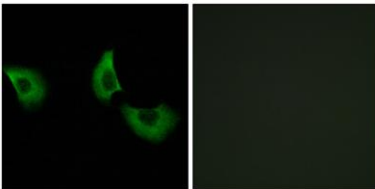
For research use only. Not intended for diagnostic use.

Product Name	Fibulin-4 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human EFEMP2. AA range:91-140
Specificity	Fibulin-4 Polyclonal Antibody detects endogenous levels of Fibulin-4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	EGF-containing fibulin-like extracellular matrix protein 2
Gene Name	EFEMP2
Cellular localization	Secreted, extracellular space, extracellular matrix . Secreted, extracellular space, extracellular matrix, basement membrane . Localizes on the microfibrils surrounding ELN cores. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

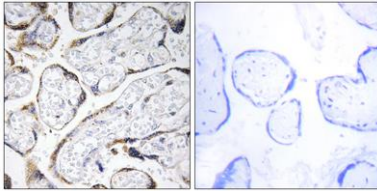
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	30008
Human Swiss-Prot Number	O95967
Alternative Names	EFEMP2; FBLN4; EGF-containing fibulin-like extracellular matrix protein 2; Fibulin-4; FIBL-4; Protein UPH1

Background

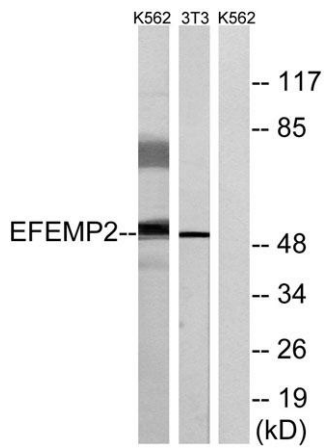
A large number of extracellular matrix proteins have been found to contain variations of the epidermal growth factor (EGF) domain and have been implicated in functions as diverse as blood coagulation, activation of complement and determination of cell fate during development. The protein encoded by this 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],



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



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.