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| <b>Product name:</b>     | Fibulin-4 Rabbit Polyclonal Antibody                                                              |
| <b>Cat number:</b>       | ABN10980                                                                                          |
| <b>Conjugate:</b>        | Unconjugated                                                                                      |
| <b>Size:</b>             | 100µL                                                                                             |
| <b>Clone:</b>            | Polyclonal                                                                                        |
| <b>Concentration:</b>    | 1mg/ml                                                                                            |
| <b>Host:</b>             | Rabbit                                                                                            |
| <b>Isotype:</b>          | IgG                                                                                               |
| <b>Immunogen:</b>        | The antiserum was produced against synthesized peptide derived from human EFEMP2. AA range:91-140 |
| <b>Reactivity:</b>       | Human,Rat,Mouse                                                                                   |
| <b>Applications:</b>     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000                          |
| <b>Molecular Weight:</b> | 50kDa                                                                                             |
| <b>Purification:</b>     | Affinity purification                                                                             |
| <b>Form:</b>             | Liquid                                                                                            |
| <b>Buffer:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.                |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.      |

**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.,