

**bs-1157R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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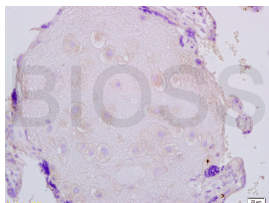
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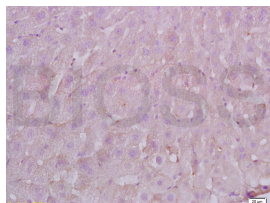
400-901-9800

**Fibrillin 1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 2200	<b>SWISS:</b> P35555	
<b>Target:</b> Fibrillin 1		<b>Reactivity:</b> Human, Rat (predicted: Mouse)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human FBN1: 401-500/2872.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 316 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Extracellular matrix
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> This gene encodes a member of the fibrillin family. The encoded protein is a large, extracellular matrix glycoprotein that serve as a structural component of 10-12 nm calcium-binding microfibrils. These microfibrils provide force bearing structural support in elastic and nonelastic connective tissue throughout the body. Mutations in this gene are associated with Marfan syndrome, isolated ectopia lentis, autosomal dominant Weill-Marchesani syndrome, MASS syndrome, and Shprintzen-Goldberg craniosynostosis syndrome. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

Tissue/cell: human placenta tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-FBN1 Polyclonal Antibody, Unconjugated(bs-1157R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat liver tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-FBN1 Polyclonal Antibody, Unconjugated(bs-1157R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=6.6]** Shun Nonoyama. et al. Development and Characterization of Alkaline Phosphatase-Positive Human Umbilical Cord Perivascular Cells. Cells-Basel. 2021 Nov;10(11):3011 IF ;Human. 34831233
- **[IF=4.556]** Seita Morishita. et al. Expression of Lymphatic Markers in the Berger' s Space and Bursa Premacularis. Int J Mol Sci. 2021 Jan;22(4):2086 IHC ;Human. 33669860
- **[IF=3.329]** Farrell K et al. Alterations in phenotype and gene expression of adult human aneurysmal smooth muscle cells by exogenous nitric oxide. Exp Cell Res. 2019 Nov 1;384(1):111589. ICC ;Human. 31473210

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=2.6]** Elfide Gizem Bakirhan. et al. An evaluation of the effects of glabridin and dexamethasone in bleomycin-induced pulmonary fibrosis: The role of BKCa channels. TISSUE CELL. 2023 Dec;85:102246 IHC ;Rat. 10.1016/j.tice.2023.102246
- **[IF=3.1]** Erdoğan Mehmet Mustafa. et al. Effect of vitamin D and location of asprosin, spexin and meteorin-like antibodies in the liver of rats with isoproterenol-induced myocardial infarction. N-S ARCH PHARMACOL. 2025 Jun;;1-12 IHC ;Rat. 40580311