

**bs-12362R****[ Primary Antibody ]****BioSS**  
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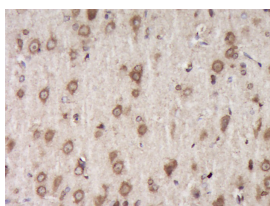
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**Fibromodulin Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 2331 <b>Target:</b> Fibromodulin <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Fibromodulin: 121-180/376. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <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> Fibromodulin is a ubiquitous protein that is most prominent in articular cartilage, tendon, and ligament. The human Fibromodulin gene maps to chromosome 1q32 and encodes a 376 amino acid protein.	<b>Isotype:</b> IgG <b>SWISS:</b> Q06828	<b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Reactivity:</b> Rat (predicted: Human, Mouse, Sheep)  <b>Predicted MW.:</b> 41 kDa <b>Subcellular Location:</b> Secreted ,Extracellular matrix
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**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Fibromodulin) Polyclonal Antibody, Unconjugated (bs-12362R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=7.581]** Cherry Christopher. et al. Transfer learning in a biomaterial fibrosis model identifies in vivo senescence heterogeneity and contributions to vascularization and matrix production across species and diverse pathologies. GEROSCIENCE. 2023 Apr;;1-29 IF ;Mouse. 37079217
- **[IF=5.039]** Wang Y et al. Aspirin inhibits inflammation and scar formation in the injury tendon healing through regulating JNK/STAT - 3 signalling pathway. Cell Prolif. 2019 Jun 21:e12650. IHC ;Rat. 31225686
- **[IF=3.352]** Shunshun Han. et al. Fibromodulin is involved in autophagy and apoptosis of granulosa cells affecting the follicular atresia in chicken. Poultry Sci. 2021 Oct;;101524 WB ;chicken. 34784514
- **[IF=2.36]** Simões et al. Small leucine-rich proteoglycans (SLRPs) in the endometrium of polycystic ovary syndrome women: a pilot study. (2017) J.Ovarian.Res. 10:54 WB ;Human. 28789706
- **[IF=1]** Ozlem Karabay Akgul. et al. Involvement of small leucine-rich proteoglycans and telocytes in thin and thick

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

human endometrium: immunohistochemical and ultrastructural examination. ULTRASTRUCT PATHOL. 2023 Oct 16 IHC  
;Human.37840262