

Fibromodulin Rabbit pAb

Catalog Number: bs-12362R

Target Protein: Fibromodulin

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Rat (predicted:Human, Mouse, Sheep)

Predicted MW: 41 kDa

Entrez Gene: 2331

Swiss Prot: Q06828

Source: KLH conjugated synthetic peptide derived from human Fibromodulin: 121-180/376.

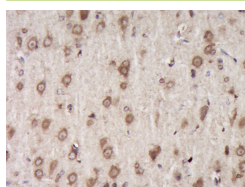
Purification: affinity purified by Protein A

Storage: 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.

Background: 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.

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.

PRODUCT SPECIFIC PUBLICATIONS

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