

bs-7076R**[Primary Antibody]****BMP11 Rabbit pAb****BioSS**
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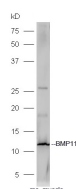
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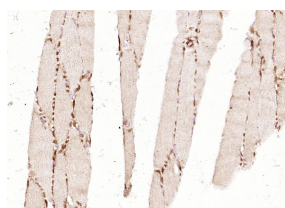
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 10220 Target: BMP11 Immunogen: KLH conjugated synthetic peptide derived from human BMP11: 301-407/407. Purification: affinity purified by Protein A Concentration: 1mg/ml 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: The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice and Xenopus suggest that this protein is involved in mesodermal formation and neurogenesis during embryonic development. [provided by RefSeq, Jul 2008].	Isotype: IgG SWISS: O95390 Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rabbit, Pig, Sheep, Cow, Chicken) Predicted MW.: 12/43 kDa Subcellular Location: Secreted ,Cytoplasm
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— VALIDATION IMAGES —

Sample: Muscle (Mouse) Lysate at 40 ug Primary:
Anti-BMP11 (bs-7076R) at 1/300 dilution
Secondary: HRP conjugated Goat-Anti-rabbit IgG
(bs-0295G-HRP) at 1/5000 dilution Predicted
band size: 12 kD Observed band size: 12 kD



Paraformaldehyde-fixed, paraffin embedded
(mouse skeletal muscle tissue); 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 (BMP11) Polyclonal
Antibody, Unconjugated (bs-7076R) at 1:400
overnight at 4°C, followed by operating
according to SP Kit(Rabbit) (sp-0023)
instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=4.522]** Wang Y et al. Aspirin promotes tenogenic differentiation of tendon stem cells and facilitates tendinopathy healing through regulating the GDF7/Smad1/5 signaling pathway. J Cell Physiol. 2019 Oct 21. WB ;Rat. 31637734
- **[IF=2.728]** Xijuan Liu et al. Chondrocyte suppression is mediated by miR - 129 - 5p via GDF11/SMAD3 signaling in developmental dysplasia of the hip. J Orthop Res. 2020 Dec;38(12):2559-2572. WB,IHC ;Rabbit. 32396235