bs-6614R **[Primary Antibody]**

BMP5 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 653 **SWISS:** P22003

Target: BMP5

Immunogen: KLH conjugated synthetic peptide derived from human BMP5: 317-360/454.

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: This gene encodes a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. This protein may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. This gene is differentially regulated during the formation of various tumors. [provided by RefSeq, Jul 2008].

Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Chicken, Horse)

Predicted MW.: 16 kDa

Subcellular Location: Secreted

SELECTED CITATIONS

- **[IF=2.24]** Wu, Mei, et al. "Expression analysis of BMP2, BMP5, BMP10 in human colon tissues from Hirschsprung disease patients." Int J Clin Exp Pathol 7.2 (2014): 529-536. IHC,WB ;="Human". 24551273