**bs-3663R** **[ Primary Antibody ]**

# BMP3 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 651 **SWISS:** P12645

**Target:** BMP3

**Immunogen:** KLH conjugated synthetic peptide derived from human MMP3: 301-400/472.

**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:** BMPs (bone morphogenetic proteins) belong to the Transforming Growth Factor beta (TGF beta) superfamily of structurally related signaling proteins. Proteins of the TGF beta superfamily are disulfide linked dimmers composed of two 12-15 kDa polypeptide chains. All the proteins in this superfamily are involved in embryonic development and the maintenance of adult tissue. BMPs initiate, promote and regulate bone development, growth, remodeling and repair. In vivo studies have shown that BMP3 can independently induce cartilage formation.

**Applications:** **WB** (1:500-2000)
**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, Cow, Chicken, Dog, Horse)

**Predicted MW.:** 55 kDa

**Subcellular Location:** Secreted

## SELECTED CITATIONS

- **[IF=4.101]** Yu Guo. et al. RepSox effectively promotes the induced differentiation of sheep fibroblasts into adipocytes via the inhibition of the TGF-β1/Smad pathway. Int J Mol Med. 2021 Aug;48(2):1-13 WB ;Sheep. 34132357