



BMP2 Antibody

E80806-2

- Product Type:** Rabbit Polyclonal IgG, primary antibodies
- Catalog Number:** E80806-2
- Amount:** 100ul **0.78mg/ml**
- Positive control:** Mouse Kindey
- Project ID:** R080609
- Molecular Wt.:** 75kDa
- Cellular Localization:** Secretary Protein
- Form of Antibody:** Liquid
- Storage Buffer:** 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.
- Description:** BMP-2 belongs to the TGF- β superfamily of proteins. BMP-2 plays an important role in the development of bone and cartilage. It is involved in the hedgehog pathway, TGF beta signaling pathway, and in cytokine-cytokine receptor interaction. It is involved also in cardiac cell differentiation and epithelial to mesenchymal transition. Implantation of BMP-2 in a collagen sponge induces new bone formation and can be used for the treatment of bony defects, delayed union, and non-union.
- Storage/Stability:** Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
- Purity:** Affinity purified
- Recommended Dilutions:** WB: 1:5,000
- Specificity/Sensitivity:** This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) of BMP2.
- Reactivity:** Human, Mouse,Rat
- Applications:** WB,ICC
- Swiss-Prot No. :** SwissProt P12643/P21274
- References:**
1. Wang, E.A. et al. (1988) Proc Natl Acad Sci USA 85, 9484-8
 2. Wozney, J.M. et al. (1988) Science 242, 1528-34.
 3. Kawabata, M. et al. (1998) Cytokine Growth Factor Rev 9, 49-61
 4. Nohe, A. et al. (2004) Cell Signal 16, 291-9.

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