

## BMP-6 (A152) polyclonal antibody

Catalog: BS3450

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

In vivo studies have shown that BMP-2 (also designated BMP-2A) and BMP-3 can independently induce cartilage formation. Smad3 association with the TGF $\beta$  receptor complex and Smad1 translocation to the nucleus are observed after the addition of BMP-4 (also designated BMP-2B), suggesting that BMP-4 may play a role in activation of the Smad pathway. BMP-5, BMP-6 and BMP-7 all share high sequence homology with BMP-2, indicating that they each may be able to induce cartilage formation. BMP-8 (also designated OP-2) is thought to be involved in early development, as detectable expression has not been found in adult organs.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 55-65 kDa

### Swiss-Prot:

P22004

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

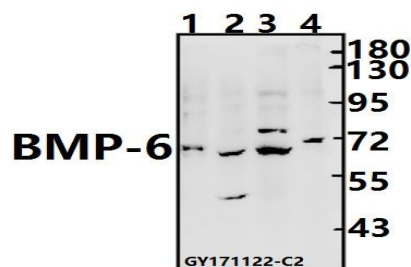
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

BMP-6 (A152) polyclonal antibody detects endogenous levels of BMP-6 protein.

### DATA:



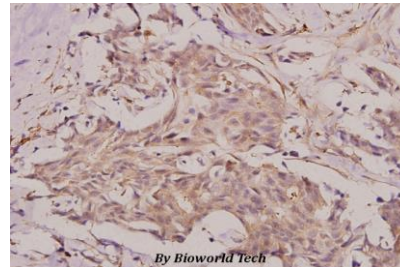
Western blot (WB) analysis of BMP-6 (A152) polyclonal antibody at 1:500 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:3T3-L1 whole cell lysate(40ug)

Lane3:U-87MG whole cell lysate(40ug)

Lane4:A375 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of BMP-6 (A152) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

For research use only, not for use in diagnostic procedure.

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