

BMP-3 (E306) polyclonal antibody

Catalog: BCP00289

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Growth factor of the TGF-beta superfamily that plays an essential role in developmental process by inducing and patterning early skeletal formation and by negatively regulating bone density. Antagonizes the ability of certain osteogenic BMPs to induce osteoprogenitor differentiation and ossification. Initiates signaling cascades by associating with type II receptor ACVR2B to activate SMAD2-dependent and SMAD-independent signaling cascades including TAK1 and JNK pathways.

Product:

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

Molecular Weight:

~ 56 kDa

Swiss-Prot:

P12645

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: 1:1000~1:2000

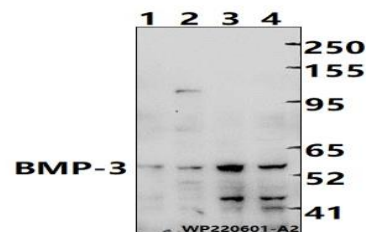
Storage&Stability:

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

Specificity:

BMP-3 (E306) polyclonal antibody detects endogenous

levels of BMP-3 protein.

DATA:

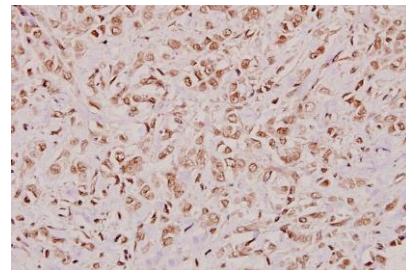
Western blot (WB) analysis of BMP-3 (E306) polyclonal antibody at 1:1000 dilution

Lane1:CT26 whole cell lysate(30ug)

Lane2:PC12 whole cell lysate(30ug)

Lane3:HepG2 whole cell lysate(30ug)

Lane4:A549 whole cell lysate(30ug)

**Note:**

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