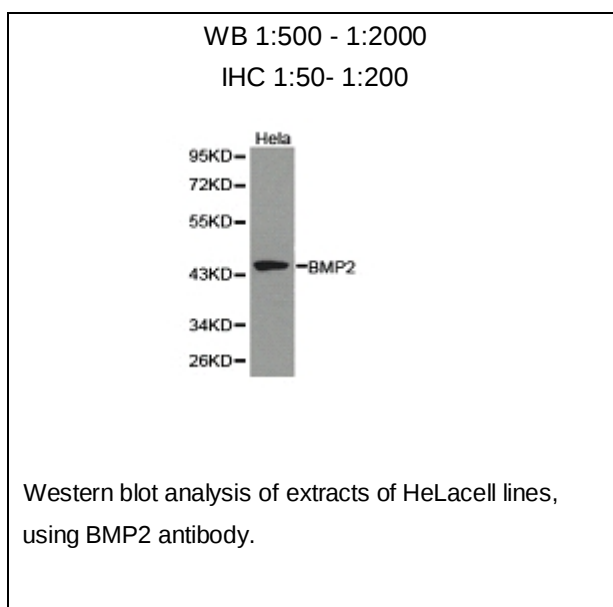




E90231

BMP2 Polyclonal Antibody

- Catalog Number:** E90231
Amount: 100ul
Background: Bone morphogenetic proteins (BMPs) were first identified as molecules that can induce ectopic bone and cartilage formation (1,2). BMPs are synthesized as precursor proteins that are processed by cleavage to produce mature proteins. BMPs initiate signaling by binding to a receptor complex containing type I and type II serine/threonine receptor kinases that then phosphorylate Smad (mainly Smad1, 5 and 8), resulting in the translocation of Smad to the nucleus. BMP was also reported to activate MAPK pathways in some systems (3,4).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: bmp2 ; BMP 2A; BMP 2; BMP2A; bone morphogenetic protein 2; Bonemorphogenetic protein 2A
Immunogen: Recombinant protein of human BMP2
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 44kDa
Swiss-Prot No. : P12643
Gene ID: 650
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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