BMP-1 Polyclonal Antibody

Cat #: ABP57904   Size: 30µl /100µl /200µl

Product Information

	Product Name: BMP-1 Polyclonal Antibody		
	Applications: IHC-P, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	**Catalog Number:** ABP57904	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.	⚠	**Note:** Contain sodium azide.

Background: BMP1 encodes a protein that is capable of inducing formation of cartilage in vivo. Although other bone morphogenetic proteins are members of the TGF-beta superfamily, BMP1 encodes a protein that is not closely related to other known growth factors. BMP1 is expressed as alternatively spliced variants that share an N-terminal protease domain but differ in their C-terminal region. BMP1 (Bone Morphogenetic Protein 1) is a Protein Coding gene. Diseases associated with BMP1 include Osteogenesis Imperfecta, Type Xiii and Bmp1-Related Osteogenesis Imperfecta. Among its related pathways are p70S6K Signaling and SMAD Signaling Network.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:50-1:200), ELISA (1:10000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.
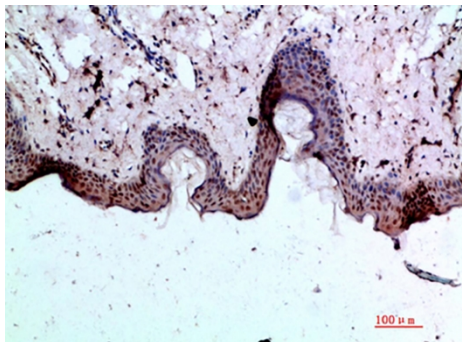
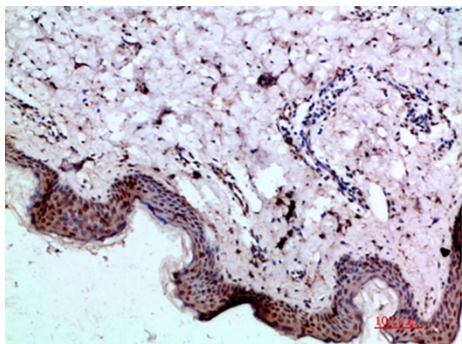|	Fig.1. Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:200.
	Fig.2. Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:200.