

32-5732: Polyclonal Rabbit Anti Human Bone Morphogenetic Protein-7

Clonality :	Polyclonal
Application :	WB
Gene :	BMP7
Gene ID :	655
Uniprot ID :	P18075
Format :	Purified
Alternative Name :	Osteogenic Protein 1,BMP-7.
Isotype :	Rabbit IgG
Immunogen Information :	IgG Anti BMP-7 has been developed in rabbit using highly pure (>98%) recombinant human BMP-7 expressed in plants.

Description

The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has lead to speculation of possible bone inductive activity.

Product Info

Amount :	20 µg
Purification :	Purified IgG prepared by affinity chromatography on protein G.
Content :	Lyophilized from a sterile filtered (0.2µm) solution containing phosphate buffered saline.
Storage condition :	Store at -20°C. For long term storage freezes in working aliquots at -20°C. Repeated freezing and thawing is not recommended.

Application Note

Western Blot: to detect human BMP-7 by WB analysis this IgG can be used in a dilution of 1:500. For optimal usage we suggest overnight incubation.