

BMP7

Reactivity: Human

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:20 - 1:50

Calculated MW: 49kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human BMP7

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

prt

Synonym:

BMP7; OP1; Bone morphogenetic protein 7; Osteogenic protein 1; INN=Eptotermin alfa; Flags:
Precursor;

Catalog #: A0722

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 655

Isotype: IgG

Swiss Prot: P18075

Purity: Affinity purification

For research use only.

Background:

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 and possible bone inductive activity.

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