

## 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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