

## BMP-13 Polyclonal Antibody

<b>CATALOG NO:</b>	3823-30T	30 µg (Trial size)
	3823-100	100 µg
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	<i>E. coli</i> expressed recombinant human BMP-13 (Internal ID# BV-902)	
<b>SPECIES REACTIVITY:</b>	Human	

### FORMULATION:

0.5 mg/ml affinity purified rabbit anti-BMP-13 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

### STORAGE CONDITIONS:

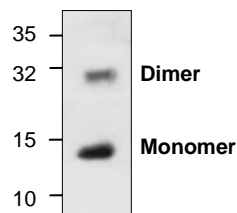
Store at -20°C. For long-term storage, aliquot and refreeze at -70°C. Avoid repeated freeze/defrost cycles.

### BACKGROUND:

BMPs (bone morphogenetic proteins) belong to the TGF-β superfamily of structurally related signaling proteins. These ligands mediate numerous physiological processes. BMPs initiate, promote and maintain cartilage and bone development, growth, remodeling and repair, in both prenatal development and postnatal growth of eye, heart, kidney, skin, and other tissues. Expression of BMP-13 has been found in the hypertrophic chondrocytes of ossifying long bone centers.

### APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant human BMP-13 (Cat.#: 4639-10) can be used as a positive control. Both monomer and dimer of BMP-13 can be detected.



**Cat. # 3823-100**  
Western blot analysis using recombinant human BMP-13 (Cat.# 4639-10). Both monomer and dimer can be detected.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

#### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

#### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies