

BMP-3 Polyclonal Antibody

CATALOG #: 5673R-100

AMOUNT: 100 µg

LOT #: _____

HOST: Rabbit

IMMUNOGEN: Synthetic peptide surrounding amino acid 369 of mouse BMP-3 (ID #BV-526)

SPECIES REACTIVITY: human, mouse, rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified anti-BMP-3 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

STORAGE CONDITIONS:

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

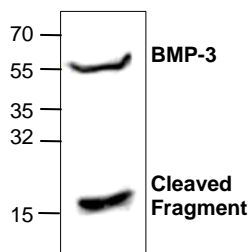
BACKGROUND:

BMPs (bone morphogenetic proteins) belong to the TGF-beta superfamily of structurally related signaling proteins. Members of this superfamily are widely represented throughout the animal kingdom and have been implicated in a variety of developmental processes. Proteins of the TGF-beta superfamily are disulfide-linked dimmers composed of two 12-15 kDa polypeptide chains. As implied by their name, BMPs initiate, promote and regulate bone development, growth, remodeling and repair. In vivo studies have shown that BMP-3 can independently induce cartilage formation.

APPLICATIONS:

The antibody can be used for Western blotting (0.5-4 µg/ml). It detects the ~55 kDa full length and the ~16 kDa cleaved fragment of BMP-3. Blocking peptide (Cat.# 5673RBP-50) is available separately.

USAGE: For Research Use Only. Not to be used in humans.



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Western blot analysis of BMP-3 expression in 3T3 cell lysate.

RELATED PRODUCTS:

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

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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- Bioluminescence Cytotoxicity Assay Kit
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