

BMP-6 Polyclonal Antibody

CATALOG #: 5676-100

AMOUNT: 100 µg

LOT #: _____

HOST: Rabbit

IMMUNOGEN: Recombinant human BMP-6

FORMULATION:

100 µg (0.5 mg/ml) antigen affinity purified goat anti-BMP-6 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% Thimerosal.

STORAGE CONDITIONS:

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

SPECIES REACTIVITY: human

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 dimers composed of two 15 kDa polypeptide chains. As implied by their name, BMPs initiate, promote and regulate bone development, growth, remodeling and repair. BMP-6 has been indicated to induce cartilage formation.

APPLICATIONS:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant human BMP-6 (Cat.# 4911-10) can be used as a positive control.

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

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