

BMP-6 Polyclonal Antibody

CATALOG #:	5676R-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	<i>E. coli</i> expressed recombinant human BMP-6 (Internal ID# BV-C10)
SPECIES REACTIVITY:	Human, mouse, rat

FORMULATION:

100 µg (0.5 mg/ml) antigen affinity purified rabbit anti-BMP-6 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% Thimerosal.

STORAGE CONDITIONS:

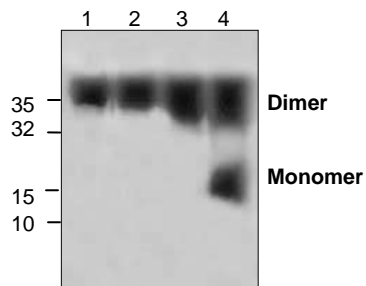
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

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 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.



Cat.#: 5676R-100

Western blot analysis using recombinant human BMP-6:
 Lane 1: 10 ng
 Lane 2: 50 ng
 Lane 3: 250 ng
 Lane 4: 1 µg

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