

Anti-human BMP-10 Polyclonal Antibody

CATALOG #:	5581-100
AMOUNT:	100 µg
LOT #:	_____
IMMUNOGEN:	<i>E. coli</i> expressed human BMP-10 (Internal ID# BV-F17G)
HOST:	Rabbit
SPECIES:	Human

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-human BMP-10 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

STORAGE CONDITIONS:

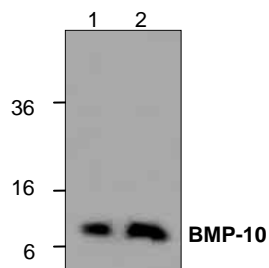
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

BMPs (bone morphogenetic proteins) belong to the TGF-β superfamily of structurally related signaling proteins. As implied by their name, BMPs promote and regulate bone development, growth, remodeling and repair, in both prenatal development and postnatal growth of eye, heart, kidney, skin, and other tissues. BMP-10 is essential for the proper development of the heart, but is not expressed until after cardiac patterning or looping is completed.

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-10 (Cat.# 4581-20) can be used as positive control.



Cat. #: 5581-100
 Western blot analysis of
 BMP-10 using recombinant
 human BMP-10.
 Lane 1: 50 ng
 Lane 2: 100 ng

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