

## Human BMP-14 Polyclonal Antibody

<b>CATALOG NO:</b>	5580-30T      30 µg (Trial size) 5580-100      100 µg
<b>CONCENTRATION:</b>	0.5 mg/ml
<b>IMMUNOGEN:</b>	Recombinant human BMP-14 precursor protein (Cat. No. 4580-1)
<b>INTERNAL ID:</b>	BV-306
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human
<b>PURIFICATION:</b>	Affinity purified rabbit IgG
<b>FORMULATION:</b>	Supplied in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal
<b>STORAGE CONDITIONS:</b>	Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	BMPs (bone morphogenetic proteins) belong to the TGF- $\beta$ 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. In addition to its osteogenic activity, BMP-14 is a principal inhibitor of cartilage development and is predominantly expressed in long bone during human embryonic development.
<b>APPLICATION:</b>	Western blot: 0.5-4 µg/ml, Immunohistochemistry: 5 µg/ml  <b>Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.</b>

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