

**BMP-8 Polyclonal Antibody**  
**Purified Goat Polyclonal Antibody**  
**Catalog # ABV11612****Specification**

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**BMP-8 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P34820</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Isotype	Goat IgG
Calculated MW	44768

**BMP-8 Polyclonal Antibody - Additional Information****Gene ID** 656**Other Names**

BMP8, BMP-8, BMP 8, bone morphogenetic protein 8

**Target/Specificity**

BMP-8

**Formulation**

100 mg (0.5 mg/ml) antigen affinity purified goat anti-BMP-8 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol and 0.02% Thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Background Descriptions****Precautions**

BMP-8 Polyclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**BMP-8 Polyclonal Antibody - Protein Information****Name** BMP8B**Synonyms** BMP8**Function**

Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis (By similarity).

**Cellular Location**  
Secreted.**BMP-8 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**BMP-8 Polyclonal Antibody - Images****BMP-8 Polyclonal Antibody - 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 12-15 kDa polypeptide chains. As implied by their name, BMPs initiate, promote and regulate bone development, growth, remodeling and repair. BMP-8 (also designated OP-2) is thought to be involved in early development, as detectable expression has not been found in adult organs.