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

Specification

BMP-8 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	P34820
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 Cytomety
- 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 dimmers 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.