

BMP-2 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11036**Specification**

BMP-2 Antibody - Product Information

Application	WB
Primary Accession	Q00888
Other Accession	EAX10387
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	47113

BMP-2 Antibody - Additional Information**Gene ID** 5672**Application & Usage**

Western blotting (0.5-2 µg/ml). It detects the 14 kDa monomer, 28 kDa dimer, as well as the 58 kDa tetramer of human BMP-2. Recombinant human BMP-2 can be used as a positive control. Reactivity to other species has not been tested.

Other Names

BMP2, BMP-2, BMP 2, bone morphogenetic protein 2, BMP-2A, BMP2A , BMP 2A

Target/Specificity

BMP-2

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-BMP-2 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

BMP-2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

BMP-2 Antibody - Protein Information

Name PSG4

Synonyms CGM4, PSG9

Cellular Location

Secreted.

BMP-2 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-2 Antibody - Images**BMP-2 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. In addition to its osteogenic activity, BMP-2 plays an important role in cardiac morphogenesis. It is also expressed in a variety of tissues such as lung, spleen, brain, liver, prostate ovary and small intestine.