10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BMP-12 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11005

Specification

BMP-12 Antibody - Product Information

Application	**WB**
Primary Accession	Q7Z4P5
Other Accession	BAD07014
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**46950**

BMP-12 Antibody - Additional Information

Gene ID 151449

Application & Usage

Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant human BMP-12 can be used as positive control.

Target/Specificity
BMP-12

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) affinity purified rabbit anti-human BMP-12 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
BMP-12 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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BMP-12 Antibody - Protein Information

Name GDF7

Function
May play an active role in the motor area of the primate neocortex.

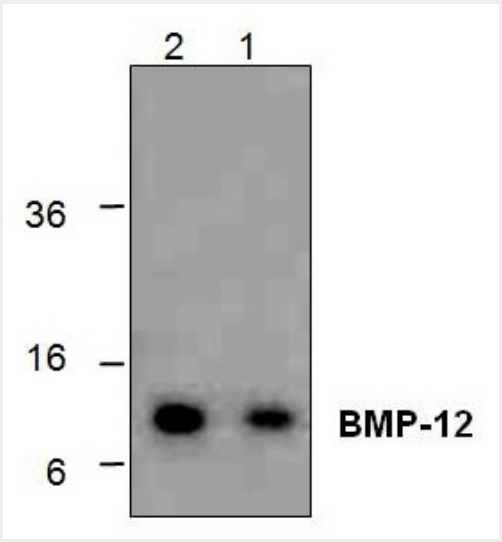
Cellular Location
Secreted.

BMP-12 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-12 Antibody - Images



Western blot analysis of BMP-12 using recombinant human BMP-12. Lane 1: 50 ng;Lane 2: 100 ng

BMP-12 Antibody - Background

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-12 is highly conserved across species. BMP-12 regulates chondrogenesis, bone morphogenesis, and neuron differentiation.