

BMP-12 Antibody

Rabbit Polyclonal Antibody Catalog # ABV11005

Specification

BMP-12 Antibody - Product Information

Application Primary Accession Other Accession Reactivity Host Clonality Isotype Calculated MW

O7Z4P5 BAD07014 Human Rabbit Polyclonal Rabbit IgG 46950

WB

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 μ g (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.



BMP-12 Antibody - Protein Information

Name GDF7

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

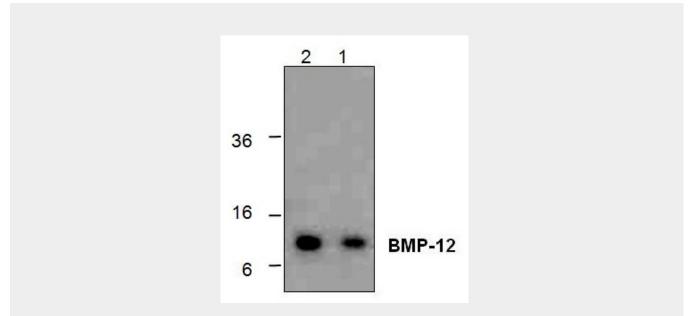
Cellular Location Secreted.

BMP-12 Antibody - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

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.