

### Anti-BMP3 antibody ab71500

[1 Image](#)

#### Overview

<b>Product name</b>	Anti-BMP3 antibody
<b>Description</b>	Rabbit polyclonal to BMP3
<b>Host species</b>	Rabbit
<b>Specificity</b>	ab71500 detects the ~55 kDa full length and the ~16 kDa cleaved fragment of BMP3.
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	3T3 cell lysate.
<b>General notes</b>	<p>This product is manufactured by BioVision, an Abcam company and was previously called 5673R BMP-3 Antibody. 5673R-100 is the same size as the 100 µg size of ab71500.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	<p>pH: 7.20</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 0.5% BSA, 30% Glycerol (glycerin, glycerine), PBS</p>
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab71500 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 4 µg/ml. Detects a band of approximately 16, 55 kDa (predicted molecular weight: 53 kDa).

## Target

### Function

Negatively regulates bone density. Antagonizes the ability of certain osteogenic BMPs to induce osteoprogenitor differentiation and ossification.

### Tissue specificity

Expressed in adult and fetal cartilage.

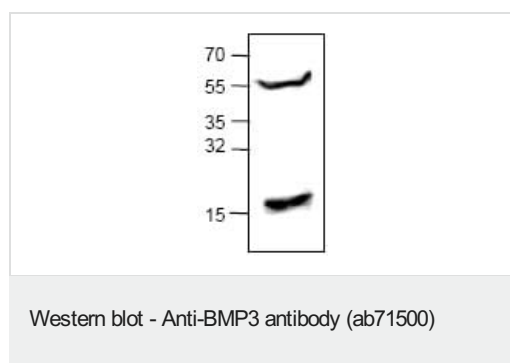
### Sequence similarities

Belongs to the TGF-beta family.

### Cellular localization

Secreted.

## Images



Anti-BMP3 antibody (ab71500) at 0.5 µg/ml + 3T3 cell lysate

**Predicted band size:** 53 kDa

**Observed band size:** 55 kDa

**Additional bands at:** 16 kDa (possible cleavage fragment)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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