

## Datasheet: 1406-1560

<b>Description:</b>	RABBIT ANTI HUMAN BMP-10
<b>Specificity:</b>	BMP-10
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Western Blotting			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Based on sequence similarity, is expected to react with:Rat, Mouse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Preparation

Purified IgG prepared by affinity chromatography on Protein G

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)

### Approx. Protein Concentrations

IgG concentration 5.0 mg/ml

**Immunogen** Synthetic peptide corresponding to the amino acids 84 - 94 (LDKGVVITYKFK ) of human BMP-10 (402-412 of the unprocessed precursor) conjugated to Keyhole Limpet Haemocyanin. This sequence is identical to the published sequences for human, mouse and rat BMP-10 proteins.

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**External Database**

**Links**

**UniProt:**

[O95393](#)    [Related reagents](#)

**Entrez Gene:**

[27302](#) BMP10    [Related reagents](#)

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**RRID**

AB\_2065657

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**Specificity**

**Rabbit anti Human BMP-10 antibody** recognizes BMP-10, also known as Bone Morphogenetic Protein 10, a member of the TGF- $\beta$  superfamily of proteins. With the exception of BMP-1, Bone Morphogenetic Proteins are growth factors orchestrating tissue architecture throughout the body.

BMP-10 is a cardiac growth factor which expression is restricted to the heart where it plays a crucial role in the control of cardiac development, growth and maturation.

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**Storage**

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/1406-1560>  
10040

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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