

## Datasheet: VPA00257

<b>Description:</b>	RABBIT ANTI BMP-6
<b>Specificity:</b>	BMP-6
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

## 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
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Ig fraction - liquid
<b>Preparation</b>	Rabbit Ig fraction prepared by ammonium sulphate precipitation
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	KLH-conjugated synthetic peptide corresponding to aa 25-55 of human BMP-6

### External Database Links

#### UniProt:

[P22004](#)

[Related reagents](#)

#### Entrez Gene:

**Synonyms**

VGR

**Specificity**

**Rabbit anti Human BMP-6 antibody** recognizes BMP-6, also known as bone morphogenetic protein 6, VG-1-related protein, VGR-1, vegetal related growth factor (TGFB-related) and vegetal-related (TGFB related) cytokine.

The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by the ability of a demineralized bone extract to induce endochondral osteogenesis in vivo at an extraskeletal site. Based on its expression early in embryogenesis, the protein encoded by the BMP6 gene has a proposed role in early development. In addition, the fact that BMP-6 is closely related to BMP-5 and BMP-7 has led to speculation of possible bone inductive activity (provided by RefSeq, Jul 2008).

Rabbit anti Human BMP-6 antibody detects a band of 55-65 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting**

Anti BMP-6 detects a band of approximately 55-65 kDa in human placental tissue

**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles

**Guarantee**

12 months from date of despatch

**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at:  
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

**Regulatory**

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

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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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