

## Datasheet: VPA00829

<b>Description:</b>	RABBIT ANTI BMP-7
<b>Specificity:</b>	BMP-7
<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>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography on immunogen
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	2% Sucrose
<b>Immunogen</b>	Synthetic peptide corresponding to a portion of BMP-7
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P18075</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">655</a>   BMP7   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	OP1
<b>Specificity</b>	<b>Rabbit anti Human BMP-7 antibody</b> recognizes the bone morphogenetic protein 7, also known as osteogenic protein 1 (OP-1).

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 an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by BMP7 has a proposed role in early development and possible bone inductive activity (provided by RefSeq, Jul 2008).

Rabbit anti Human BMP-7 antibody detects a band of 49 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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<b>Western Blotting</b>	Anti BMP-7 antibody recognizes a band of approximately 49 kDa in HeLa cell lysates
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10045 available at: Antibody (10045): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf</a>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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'M371075:200529'

**Printed on 11 Aug 2020**

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