

## Datasheet: VPA00428

<b>Description:</b>	RABBIT ANTI PREGNANCY SPECIFIC GLYCOPROTEIN 1
<b>Specificity:</b>	PREGNANCY SPECIFIC GLYCOPROTEIN 1
<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 prepared by affinity chromatography on Protein A.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 2% Sucrose
<b>Immunogen</b>	Synthetic peptide directed towards the N terminal region of human pregnancy specific glycoprotein 1
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P11464</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b>

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<b>Synonyms</b>	B1G1, PSBG1, PSGGA
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<b>Specificity</b>	<p><b>Rabbit anti Human pregnancy specific glycoprotein 1 antibody</b> recognizes pregnancy specific glycoprotein 1, also known as PSG1, CD66 antigen-like family member F, fetal liver non-specific cross-reactive antigen 1/2 or CD66f.</p> <p>The human placenta is a multihormonal endocrine organ that produces hormones, enzymes, and other molecules supporting fetal survival and development. Pregnancy-specific beta-1-glycoprotein (PSBG, PSG) is a major product of the syncytiotrophoblast, reaching concentrations of 100 to 290 mg/l at term in the serum of pregnant women (<a href="#">Horne et al. 1976</a>). PSG is a member of the immunoglobulin (Ig) superfamily (<a href="#">Watanabe and Chou, 1988</a>, <a href="#">Streydio et al. 1988</a>) (supplied by OMIM, Oct 2009).</p> <p>Rabbit anti Human pregnancy specific glycoprotein 1 antibody detects a band of 54 kDa. The antibody has been extensively validated for western blotting using tissue and whole cell lysates.</p>
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<b>Western Blotting</b>	Anti pregnancy specific glycoprotein 1 detects a band of approximately 54 kDa in human placenta tissue.
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<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
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<b>Guarantee</b>	12 months from date of despatch.
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<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
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<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>
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<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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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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