

Datasheet: VPA00428

BATCH NUMBER 160712

Description:	RABBIT ANTI PREGNANCY SPECIFIC GLYCOPROTEIN 1
Specificity:	PREGNANCY SPECIFIC GLYCOPROTEIN 1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified IgG - liquid.
Preparation	Rabbit polyclonal antibody prepared by affinity chromatography on Protein A.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 2% Sucrose
Immunogen	Synthetic peptide directed towards the N terminal region of human pregnancy specific glycoprotein 1

External Database Links

UniProt:

[P11464](#)

[Related reagents](#)

Entrez Gene:

[5669](#) PSG1 [Related reagents](#)

Synonyms B1G1, PSBG1, PSGGA

Specificity **Rabbit anti Human pregnancy specific glycoprotein 1 antibody** 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.

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 ([Horne et al. 1976](#)). PSG is a member of the immunoglobulin (Ig) superfamily ([Watanabe and Chou, 1988](#), [Streydio et al. 1988](#)) (supplied by OMIM, Oct 2009).

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.

Western Blotting Anti pregnancy specific glycoprotein 1 detects a band of approximately 54 kDa in human placenta 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 #10045 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00428>
Antibody (10045)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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