

Datasheet: VPA00067

**BATCH NUMBER 164358**

<b>Description:</b>	GOAT ANTI PEBP1
<b>Specificity:</b>	PEBP1
<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.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Rat

**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

Goat polyclonal antibody purified by affinity chromatography.

### Buffer Solution

TRIS buffered saline.

### Preservative Stabilisers

0.02% Sodium Azide (NaN<sub>3</sub>)  
0.5% Bovine Serum Albumin

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Synthetic peptide with sequence C-DYVPKLYEQLSGK from the C terminus of the protein.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P30086</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">5037</a>    PEBP1    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	PBP, PEBP
<b>Specificity</b>	<p><b>Goat anti Human PEBP1 antibody</b> recognizes phosphatidylethanolamine-binding protein 1 (PEBP1), also known as neuropolypeptide h3 and Raf kinase inhibitor protein (RKIP). PEBP1 binds ATP, opioids, phosphatidylethanolamine and is also a prostatic-binding protein. PEBP1 is also able to bind to RAF1 and MEK and competitively disrupt the interaction between these proteins. PEBP1 may also be involved in the function of the presynaptic cholinergic neurons of the central nervous system.</p> <p>Goat anti Human PEBP1 antibody detects PEBP1 as a single band of 21 kDa in a wide range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.</p>
<b>Western Blotting</b>	Goat anti PEBP1 detects a band of approximately 21 kDa in K562 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>	<p>Material Safety Datasheet documentation #10058 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/VPA00067">https://www.bio-rad-antibodies.com/SDS/VPA00067</a>  Antibody (10058)</p>
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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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