

## Datasheet: 7394-9009

<b>Description:</b>	SHEEP ANTI HUMAN PITUITARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE
<b>Specificity:</b>	PITUITARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE
<b>Other names:</b>	PACAP-38
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			5 ug/ml
ELISA	▪			
Western Blotting			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Based on sequence similarity, is expected to react with:Rat, Mouse, Sheep, Bovine <b>N.B.</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.
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G
<b>Buffer Solution</b>	Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )								
<b>Approx. Protein Concentrations</b>	IgG concentration 5.0 mg/ml								
<b>Immunogen</b>	Proprietary, 14 amino acid peptide sequence of PACAP-38, conjugated to KLH.								
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P18509</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">116</a>    ADCYAP1    <a href="#">Related reagents</a></p>								
<b>RRID</b>	AB_2223430								
<b>Specificity</b>	<p><b>Sheep anti Human pituitary adenylate cyclase activating polypeptide antibody</b> recognises PACAP-38 and has the following cross reactivities.</p> <table border="0"> <tr> <td>PACAP Immunogen</td> <td>75%</td> </tr> <tr> <td>PACAP-27</td> <td>22%</td> </tr> <tr> <td>PACAP Related Peptide</td> <td>9%</td> </tr> <tr> <td>VIP</td> <td>2%</td> </tr> </table> <p>All tested in simple ELISA assay.</p>	PACAP Immunogen	75%	PACAP-27	22%	PACAP Related Peptide	9%	VIP	2%
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PACAP-27	22%								
PACAP Related Peptide	9%								
VIP	2%								
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>								
<b>Guarantee</b>	12 months from date of despatch								
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/7394-9009">https://www.bio-rad-antibodies.com/SDS/7394-9009</a> 10040								
<b>Regulatory</b>	For research purposes only								

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

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)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

'M421841:230731'

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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