

Datasheet: 1720-9007

**BATCH NUMBER 172619**

<b>Description:</b>	GOAT ANTI RAT CALCITONIN GENE-RELATED PEPTIDE
<b>Specificity:</b>	CGRP
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
Immunohistology - Resin		▪		
ELISA	▪			1/500 - 1/2500
Western Blotting			▪	
Immunofluorescence	▪			

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.

### Target Species

Rat

### Species Cross Reactivity

Reacts with: Mouse, Guinea Pig, Emu

**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 Ig - liquid

### Preparation

Purified Ig prepared by affinity chromatography on Protein G

### Buffer Solution

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>	Synthetic rat Tyr-CGRP (23-37) conjugated to gamma globulin.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P01256</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">24241</a>    Calca    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Calc
<b>RRID</b>	AB_2290729
<b>Specificity</b>	<b>Goat anti Rat Calcitonin Gene-Related Peptide antibody</b> recognizes Calcitonin gene-related peptide, also known as CGRP, a neuropeptide that acts as a vasodilator and plays a role in in the pathophysiology of migraine ( <a href="#">Recober &amp; Russo 2009</a> ). Goat anti Rat Calcitonin Gene-Related Peptide antibody reacts with both the whole molecule (amino acids 1-37) and the C-terminal fragment (23-37).
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**Storage**

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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<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/1720-9007">https://www.bio-rad-antibodies.com/SDS/1720-9007</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

### Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

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