

Datasheet: 1720-9007

Description:	GOAT ANTI RAT CALCITONIN GENE-RELATED PEPTIDE
Specificity:	CGRP
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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

Preservative

0.09% Sodium Azide (NaN₃)

Stabilisers

Approx. Protein Concentrations IgG concentration 5.0 mg/ml

Immunogen Synthetic rat Tyr-CGRP (23-37) conjugated to gamma globulin.

External Database Links

UniProt:

[P01256](#) [Related reagents](#)

Entrez Gene:

[24241](#) Calca [Related reagents](#)

Synonyms Calc

RRID AB_2290729

Specificity **Goat anti Rat Calcitonin Gene-Related Peptide antibody** 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 ([Recober & Russo 2009](#)). 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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/1720-9007>
10040

Regulatory 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 \(BUF025A\)](#)

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'M438082:250321'

Printed on 21 Mar 2025

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