

Datasheet: 1720-9007 **BATCH NUMBER 162260**

| 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 fo further information. |
| Product Form | Purified Ig - liquid |
| Preparation | Purified Ig prepared by affinity chromatography on Protein G |
| Buffer Solution | Phosphate buffered saline |

| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) | | |
|-----------------------------------|---|--|--|
| 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 | | |

acids 1-37) and the C-terminal fragment (23-37).

References

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Calcitonin Gene-Related Peptide antibody reacts with both the whole molecule (amino

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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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