

Product datasheet for **TA363896**

Calca Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA |
| Recommended Dilution: | This antibody has been tested and validated in ELISA against α -CGRP. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. |
| Reactivity: | Canine, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide H-Ser-Cys-Asn-Thr-Ala-Thr-Cys-Val-Thr-His-Arg-Leu- Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Val-Val-Lys-Asp-Asn-Phe-Val- Pro-Thr-Asn-Val-Gly-Ser-Glu-Ala-Phe-NH ₂ , (Disulfide bond) coupled to carrier protein. |
| Formulation: | This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month. |
| Concentration: | N/A |
| Conjugation: | Unconjugated |
| Storage: | Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below. |
| Gene Name: | calcitonin/calcitonin-related polypeptide, alpha |
| Database Link: | Entrez Gene 12310 Mouse Q99JA0 |
| Background: | α -Calcitonin Gene-Related Peptide (α -CGRP) is a regulatory neuropeptide of 37 amino acids and is formed by the alternative splicing of the calcitonin / CGRP gene located on chromosome 11. It is widely distributed in both the peripheral and central nervous system, predominantly in cell bodies of the dorsal root ganglion (DRG) and it is known to be a potent vasodilator with inotropic and chronotropic effects. This antibody was generated by immunization of rabbits with α -Calcitonin Gene- Related Peptide coupled to a carrier protein. |



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Synonyms: CALC1; CGRP; CGRP-I; CGRP1; CT; katalcalcin; KC; MGC126648; PCT; Procalcitonin