

Product datasheet for EUD641

Calca Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | IF, IHC |
| Recommended Dilution: | Immunofluorescence: 1/800-1/1200 <i>Incubation Time:</i> Overnight at 2-8°C. Immunohistochemistry on Frozen and Paraffin Sections: 1/1000-1/2000 using PAP. For antigen retrieval in paraffin sections the microwave method is recommended. <i>Positive Control:</i> Frozen sections of Rat colon. |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Calcitonin gene-related peptide, Rat (#6006, Peninsula). |
| Specificity: | This antibody recognizes CGRP. Absorption with 10-100 µg CGRP per ml diluted antiserum abolishes the staining while Calcitonin does not. Does not cross-react with Amylin (IAPP). |
| Formulation: | State: Serum State: Lyophilized Undiluted Serum. |
| Reconstitution Method: | Dissolve the antiserum in 50-100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.09% NaN ₃ . |
| Conjugation: | Unconjugated |
| Storage: | Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody at -20°C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | calcitonin-related polypeptide alpha |
| Database Link: | Entrez Gene 24241 Rat P01256 |



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- Background:** The CGRP-sequence was predicted from the corresponding mRNA. CGRP is present in the C-cells of the thyroid and in nerves, in both brain and periphery, particularly within the sensory system. CGRP is a potent vasodilator, probably involved in neurogenic inflammation. Medullary carcinomas of the thyroid contain large amounts of CGRP.
- Synonyms:** Calcitonin gene-related peptide I, Alpha-type CGRP, CALC1, CGRP-I