

Product datasheet for **AP08119PU-N**

Calcitonin (CALCA) Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | Immunohistochemistry: 1/50-1/200 using polymer or streptavidin biotin system for 30 minutes at room temperature. Positive control: Human thyroid or medulary carcinoma. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide from human Calcitonin conjugated to carrier protein. |
| Specificity: | This antibody is specific for Calcitonin. Cellular localization: Cytoplasmic. |
| Formulation: | 10 mM PO ₄ , 150 mM NaCl, pH 7.4 containing 0.05% Sodium Azide as preservative. State: Ig Fraction State: Total Ig fraction. |
| Concentration: | lot specific |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: One year from despatch. |
| Gene Name: | calcitonin related polypeptide alpha |
| Database Link: | Entrez Gene 796 Human P06881 |
| Background: | Calcitonin is a 32-amino acid polypeptide hormone that is produced in human primarily by the parafollicular (also known as C-cells) of the thyroid, and in many other animals in the ultimobranchial body It acts to reduce blood calcium (Ca ²⁺), opposing the effects of parathyroid hormone (PTH) Calcitonin staining can detect C cell proliferative abnormalities ranging from C cell hyperplasia to invasive tumors. |



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Synonyms: CALCA, CALC1