

Product datasheet for **AP08119PU-S**

Calcitonin (CALCA) Rabbit Polyclonal Antibody

Product data:

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