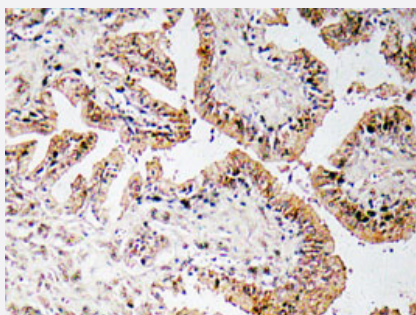


CALCA polyclonal antibody

Catalog # PAB25076 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue using CALCA polyclonal antibody (Cat # PAB25076).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CALCA.
Immunogen	A synthetic peptide corresponding to CALCA.
Host	Rabbit
Reactivity	Human
Specificity	CALCA polyclonal antibody detects endogenous levels of CALCA protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue using CALCA polyclonal antibody (Cat # PAB25076).

Gene Info — CALCA

Entrez GeneID [796](#)

Gene Name CALCA

Gene Alias CALC1, CGRP, CGRP-I, CGRP1, CT, KC, MGC126648

Gene Description calcitonin-related polypeptide alpha

Omim ID [114130](#)

Gene Ontology [Hyperlink](#)

Gene Summary Calcitonin is a peptide hormone synthesized by the parafollicular cells of the thyroid. It causes reduction in serum calcium, an effect opposite to that of parathyroid hormone (PTH; MIM 168450).[supplied by OMIM]

Other Designations calcitonin|calcitonin 1|calcitonin/calcitonin-related polypeptide, alpha|katalcalcin

Pathway

- [Vascular smooth muscle contraction](#)

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [Multiple Organ Failure](#)
- [Multiple Trauma](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pain](#)
- [Parkinson disease](#)
- [Postoperative Complications](#)
- [Prosthesis Failure](#)
- [Radius Fractures](#)
- [Reflex Sympathetic Dystrophy](#)
- [Respiratory Distress Syndrome](#)
- [Schizophrenia](#)
- [Sepsis](#)
- [Shock](#)
- [Systemic Inflammatory Response Syndrome](#)