

Calcitonin polyclonal antibody

Catalog # PAB14507 Size 500 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CALCA/CALCB.
Immunogen	A synthetic peptide (conjugated with carrier protein) corresponding to human CALCA/CALCB.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM phosphate buffer, 150 mM NaCl, pH 7.4 (0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

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

Gene Info — CALCB

Entrez GeneID	797
Gene Name	CALCB
Gene Alias	CALC2, CGRP-II, CGRP2, FLJ30166
Gene Description	calcitonin-related polypeptide beta
Omim ID	114160
Gene Ontology	Hyperlink
Gene Summary	beta
Other Designations	calcitonin 2 calcitonin-related polypeptide, beta

Publication Reference

- [Null cell adenomas of the pituitary gland. An immunohistochemical study.](#)

Holm R, Nesland JM, Attramadal A, Halse J, Johannessen JV.

The Journal of Pathology 1989 Jul; 158(3):213.

Application: IHC-P, Human, Null cell adenoma

Pathway

- [Vascular smooth muscle contraction](#)

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [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](#)