

CALCA/CALCB polyclonal antibody

Catalog # PAB4979

Size 150 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CALCA/CALCB.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human CALCA/CALCB.
Sequence	ACDTATCVTHRLAGLLSRSGGVVKNNFVPTNVGSKAF
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against synthetic peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunoprecipitation
- Enzyme Immunoassay

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 katacalcin

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

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](#)