



Anti-CALCA polyclonal antibody (CPBT-65734RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit anti Human Calcitonin antibody recognizes human calcitonin. Calcitonin is a peptide hormone that lowers blood calcium concentrations. It is released by C cells within the thyroid, and is important in the regulation of plasma calcium levels. This antibody stains parafollicular cells of normal thyroid, and cells of medullary C cell carcinomas. Immunohistology This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
Specificity	CALCA
Immunogen	Synthetic human calcitonin
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr; IHC-P
Format	Serum - liquid, diluted
Size	1 ml
Preservative	0.1% Sodium Azide
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CALCA calcitonin-related polypeptide alpha [Homo sapiens (human)]
Official Symbol	CALCA
Synonyms	CALCA; calcitonin-related polypeptide alpha; CT; KC; CGRP; CALC1; CGRP1; CGRP-I; calcitonin; katacalcin; calcitonin 1; alpha-type CGRP; calcitonin gene-related peptide I; calcitonin/calcitonin-related polypeptide, alpha;
Entrez Gene ID	796
Protein Refseq	NP_001029124
UniProt ID	P01258
Chromosome Location	11p15.2
Pathway	Amyloids; Calcitonin-like ligand receptors; Class B/2 (Secretin family receptors); Defective ACTH causes Obesity and Pro-opiomelanocortin deficiency (POMCD); Disease; Endothelin; G alpha (s) signalling events; GPCR downstream signaling;
Function	calcitonin receptor binding; hormone activity; identical protein binding; protein binding; protein complex binding; receptor binding;