



Anti-CALCA polyclonal antibody (CPBT-65733RH)

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, a polypeptide hormone that plays a role in calcium and phosphorus metabolism. In bone, calcitonin inhibits the activity of osteoclasts suppressing the digestion and resorption of bone. In the kidney, calcitonin prevents reabsorption of calcium and phosphorus by the kidney tubules and so increases the levels of these ions in urine.
Specificity	CALCA
Immunogen	Synthetic peptide corresponding to part of the native molecule conjugated to Keyhole limpet Haemocyanin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr; IF; IHC-P
Format	Serum - liquid
Size	100 µl
Preservative	0.1% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. 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;