



# Anti-CALCA (aa 69-82) polyclonal antibody (CPBT-65737RH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This product recognises the propeptide form of human calcitonin, a secreted peptide hormone involved in bone mineralisation and calcium homeostasis.
<b>Specificity</b>	CALCITONIN PROPEPTIDE
<b>Immunogen</b>	Synthetic peptide corresponding to the amino acids 69 - 82 of the native molecule conjugated to Keyhole limpet Haemocyanin.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	1 ml
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">CALCA calcitonin-related polypeptide alpha [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CALCA
<b>Synonyms</b>	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; CALCITONIN PROPEPTIDE;
<b>Entrez Gene ID</b>	<a href="#">796</a>
<b>Protein Refseq</b>	<a href="#">NP_001029124</a>
<b>UniProt ID</b>	P01258
<b>Chromosome Location</b>	11p15.2
<b>Pathway</b>	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;
<b>Function</b>	calcitonin receptor binding; hormone activity; identical protein binding; protein binding; protein complex binding; receptor binding;