



# Anti-CALCA monoclonal antibody, clone Cn11 (BGN/1199/11) (CABT-49104MH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This product is specific for human calcitonin, a peptide hormone that lowers blood calcium concentrations. Released by C cells, within the thyroid gland, it is important in the regulation of plasma calcium levels.
<b>Specificity</b>	CALCA
<b>Immunogen</b>	Human calcitonin
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	Cn11 (BGN/1199/11)
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	200 µg
<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

Gene Name	<a href="#">CALCA calcitonin-related polypeptide alpha [ Homo sapiens (human) ]</a>
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	<a href="#">796</a>
Protein Refseq	<a href="#">NP_001029124</a>
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;