

## Product datasheet for **TA366937**

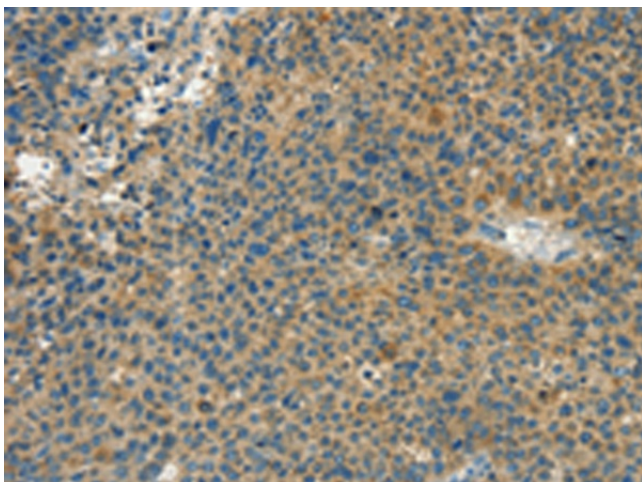
### Calcitonin (CALCA) Rabbit Polyclonal Antibody

#### Product data:

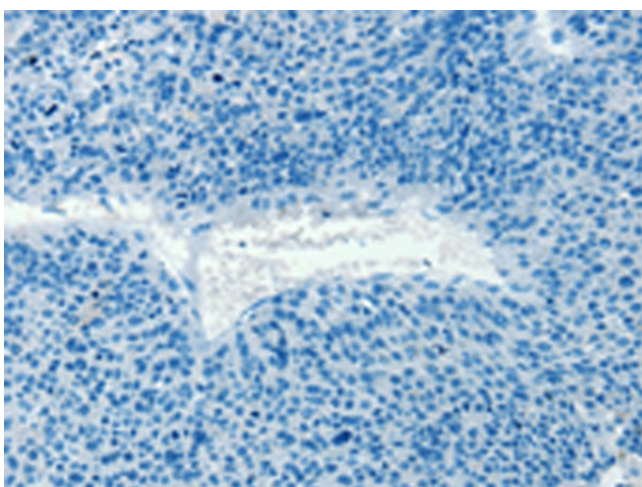
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CALCA
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	calcitonin related polypeptide alpha
Database Link:	<a href="#">Entrez Gene 796 Human P01258</a>
Background:	This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katecalcitonin by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator while katecalcitonin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.
Synonyms:	CALC1; CGRP; CGRP-I; CGRP1; CT; katecalcitonin; KC; MGC126648; PCT; Procalcitonin



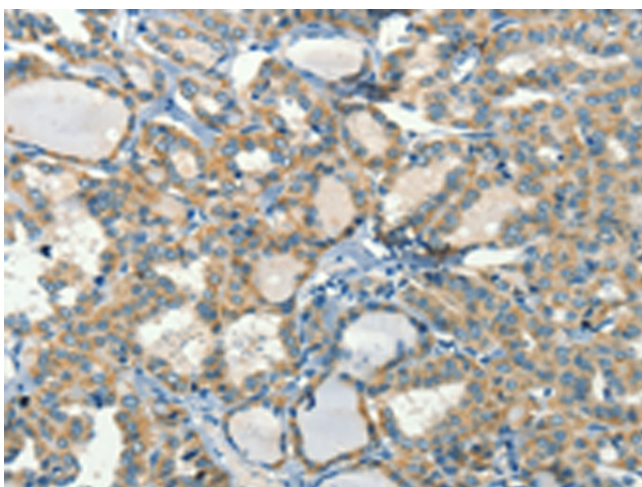
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**Product images:**

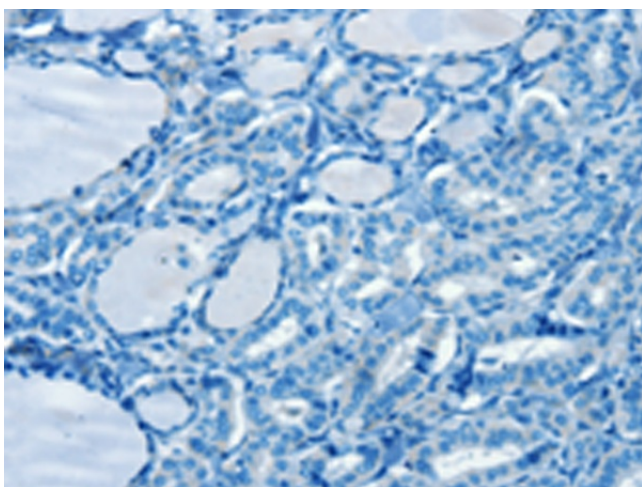
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA366937 (CALCA Antibody) at dilution 1/60 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA366937 (CALCA Antibody) at dilution 1/60, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA366937 (CALCA Antibody) at dilution 1/60 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA366937 (CALCA Antibody) at dilution 1/60, treated with synthetic peptide. (Original magnification:  $\times 200$ )