

## Product datasheet for **TA389620**

### Calcitonin (CALCA) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
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 katelectin 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 and as an antimicrobial peptide while katelectin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.
Synonyms:	CALC1; CGRP; CGRP-I; CGRP1; CT; katelectin; KC; MGC126648; PCT; Procalcitonin



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