

CALCA/CT Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14934b

Specification

CALCA/CT Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P01258
Other Accession	NP_001732.1 , NP_001029124.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	15467
Antigen Region	104-132

CALCA/CT Antibody (C-term) - Additional Information

Gene ID 796

Other Names

Calcitonin, Calcitonin, Katakalcin, Calcitonin carboxyl-terminal peptide, CCP, PDN-21, CALCA, CALC1

Target/Specificity

This CALCA/CT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-132 amino acids from the C-terminal region of human CALCA/CT.

Dilution

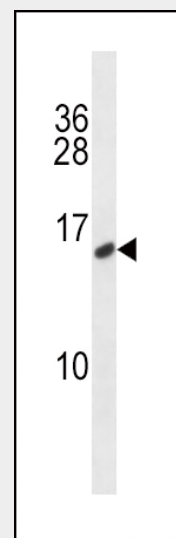
WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



CALCA/CT Antibody (C-term) (Cat. #AP14934b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the CALCA/CT antibody detected the CALCA/CT protein (arrow).

CALCA/CT Antibody (C-term) - Background

This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katacalcine 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 katacalcine is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.

CALCA/CT Antibody (C-term) - References

Giroux, S., et al. Bone 47(5):975-981(2010)

Precautions

CALCA/CT Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CALCA/CT Antibody (C-term) - Protein Information

Name CALCA

Synonyms CALC1

Function

Calcitonin causes a rapid but short-lived drop in the level of calcium and phosphate in blood by promoting the incorporation of those ions in the bones.

Cellular Location

Secreted.

Bailey, S.D., et al. Diabetes Care
33(10):2250-2253(2010)

Lee, J.Y., et al. Korean J Lab Med
30(4):406-413(2010)

Giovanella, L., et al. Clin. Chem. Lab. Med.
48(8):1163-1165(2010)

Hatzistilianou, M. ScientificWorldJournal 10,
1941-1946 (2010) :

CALCA/CT Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)