10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CALCA/CT Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP14934b

Specification

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

Primary Accession P01258

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

Gene ID 796

Other Names
Calcitonin, Calcitonin, Katacalcin, Calcitonin carboxyl-terminal peptide, CCP, PDN-21, CALCA, CALC1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CALCA/CT Antibody (C-term) Blocking Peptide - 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.

CALCA/CT Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CALCA/CT Antibody (C-term) Blocking Peptide - Images

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CALCA/CT Antibody (C-term) Blocking Peptide - Background

This gene encodes the peptide hormones calcitonin,calcitonin gene-related peptide and katacalcin by tissue-specificalternative RNA splicing of the gene transcripts and cleavage ofinactive precursor proteins. Calcitonin is involved in calciumregulation and acts to regulate phosphorus metabolism. Calcitoningene-related peptide functions as a vasodilator while katacalcin isa calcium-lowering peptide. Multiple transcript variants encodingdifferent isoforms have been found for this gene.

CALCA/CT Antibody (C-term) Blocking Peptide - References

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