

CALCA Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11119c

Specification

CALCA Antibody (Center) Blocking peptide - Product Information

Primary Accession [P06881](#)

CALCA Antibody (Center) Blocking peptide - Additional Information

Gene ID 796

Other Names

Calcitonin gene-related peptide 1, Alpha-type CGRP, Calcitonin gene-related peptide I, CGRP-I, 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 Antibody (Center) Blocking peptide - Protein Information

Name CALCA

Synonyms CALC1

Function

CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role. It also elevates platelet cAMP.

Cellular Location

Secreted.

CALCA Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CALCA Antibody (Center) Blocking peptide - Images

CALCA Antibody (Center) Blocking peptide - Background

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

CALCA Antibody (Center) 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) :