

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

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**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) :