10320 Camino Santa Fe, Suite G
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Chromogranin-C Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6796c

Specification

Chromogranin-C Antibody (Center) Blocking Peptide - Product Information

Primary Accession P13521

Chromogranin-C Antibody (Center) Blocking Peptide - Additional Information

Gene ID 7857

Other Names
Secretogranin-2, Chromogranin-C, Secretogranin II, SgII, Secretoneurin, SN, SCG2, CHGC

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6796c was selected from the Center region of human Chromogranin-C. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

Chromogranin-C Antibody (Center) Blocking Peptide - Protein Information

Name SCG2

Synonyms CHGC

Function
Neuroendocrine protein of the granin family that regulates the biogenesis of secretory granules.

Cellular Location
Secreted. Note=Neuroendocrine and endocrine secretory granules

Chromogranin-C Antibody (Center) Blocking Peptide - Protocols

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

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- Blocking Peptides

Chromogranin-C Antibody (Center) Blocking Peptide - Images

Chromogranin-C Antibody (Center) Blocking Peptide - Background

Chromogranin-C is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Studies in rodents suggest that the full-length protein, secretogranin II, is involved in the packaging or sorting of peptide hormones and neuropeptides into secretory vesicles. The full-length protein is cleaved to produce the active peptide secretoneurin, which exerts chemotaxic effects on specific cell types, and EM66, whose function is unknown.

Chromogranin-C Antibody (Center) Blocking Peptide - References

Li,L., et.al., Cell Death Differ. 15 (5), 879-888 (2008)