

**PCSK2 Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP7617c**Specification****PCSK2 Antibody (Center) Blocking Peptide -  
Product Information**Primary Accession [P16519](#)**PCSK2 Antibody (Center) Blocking Peptide -  
Additional Information**

Gene ID 5126

**Other Names**Neuroendocrine convertase 2, NEC 2,  
KEX2-like endoprotease 2, Prohormone  
convertase 2, Proprotein convertase 2, PC2,  
PCSK2, NEC2**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7617c](#) was selected from the Center region of human PCSK2. 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.

**PCSK2 Antibody (Center) Blocking Peptide -  
Protein Information**

Name PCSK2

**PCSK2 Antibody (Center) Blocking Peptide  
- Background**

PCSK2 belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This protein is a proinsulin-processing enzyme that plays a key role in regulating insulin biosynthesis. The protein is also known to cleave proopiomelanocortin, proenkephalin, prodynorphin and proluteinizing-hormone-releasing hormone.

**PCSK2 Antibody (Center) Blocking Peptide  
- References**

Leak,T.S., Keene,K.L. Mol. Genet. Metab. 92 (1-2), 145-150 (2007)Shen,X., Li,Q.L. Am. J. Physiol. Endocrinol. Metab. 288 (1), E236-E245 (2005)Tzimas,G.N., Chevet,E. BMC Cancer 5, 149 (2005)Seidah,N.G., Mattei,M.G. Genomics 11 (1), 103-107 (1991)

**Synonyms** NEC2**Function**

Involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues.

Responsible for the release of glucagon from proglucagon in pancreatic A cells.

**Cellular Location**

Cytoplasmic vesicle, secretory vesicle.

Secreted. Note=Localized in the secretion granules

**PCSK2 Antibody (Center) Blocking Peptide  
- Protocols**

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

- [Blocking Peptides](#)