

**APCS Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10677b****Specification**

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**APCS Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [P02743](#)

**APCS Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 325

**Other Names**

Serum amyloid P-component, SAP, 95S alpha-1-glycoprotein, Serum amyloid P-component(1-203), APCS, PTX2

**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.

**APCS Antibody (C-term) Blocking peptide - Protein Information**

**Name** APCS

**Synonyms** PTX2

**Function**

Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells. May also function as a calcium-dependent lectin.

**Cellular Location**

Secreted.

**Tissue Location**

Found in serum and urine.

**APCS Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**APCS Antibody (C-term) Blocking peptide - Images****APCS Antibody (C-term) Blocking peptide - Background**

The protein encoded by this gene is a glycoprotein, belonging to the pentraxin family of proteins, which has a characteristic pentameric organization. These family members have considerable sequence homology which is thought to be the result of gene duplication. The binding of the encoded protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin. It has been demonstrated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it is involved in dealing with apoptotic cells *in vivo*.

**APCS Antibody (C-term) Blocking peptide - References**

Song, Z., et al. *Atherosclerosis* 211(1):90-95(2010) Davila, S., et al. *Genes Immun.* 11(3):232-238(2010) McGeachie, M., et al. *Circulation* 120(24):2448-2454(2009) Lu, J., et al. *Nature* 456(7224):989-992(2008) Verwey, N.A., et al. *Dement Geriatr Cogn Disord* 26(6):522-527(2008)