

**CRP Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9031c****Specification**

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**CRP Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P02741](#)**CRP Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 1401**Other Names**

C-reactive protein, C-reactive protein(1-205), CRP, PTX1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9031c](/products/AP9031c) was selected from the Center region of human CRP. 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.

**CRP Antibody (Center) Blocking Peptide - Protein Information****Name** CRP**Synonyms** PTX1**Function**

Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

**Cellular Location**

Secreted.

**Tissue Location**

Found in plasma.

## **CRP Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **CRP Antibody (Center) Blocking Peptide - Images**

## **CRP Antibody (Center) Blocking Peptide - Background**

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## **CRP Antibody (Center) Blocking Peptide - References**

Shaffer,J.R., et.al., Nutr Metab Cardiovasc Dis (2010)