

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

Synthetic peptide Catalog # BP9031c

#### **Specification**

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 <a href=/products/AP9031c>AP9031c</a> 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

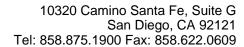
Synonyms PTX1

# CRP Antibody (Center) Blocking Peptide - Background

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

## CRP Antibody (Center) Blocking Peptide - References

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





#### **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