

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 [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**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](#)