

**C4BPA Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5968b****Specification**

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**C4BPA Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [P04003](#)  
Other Accession [NP\\_000706.1](#)

**C4BPA Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 722

**Other Names**

C4b-binding protein alpha chain, C4bp, Proline-rich protein, PRP, C4BPA, C4BP

**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.

**C4BPA Antibody (C-term) Blocking peptide - Protein Information**

**Name** C4BPA

**Synonyms** C4BP

**Function**

Controls the classical pathway of complement activation. It binds as a cofactor to C3b/C4b inactivator (C3bINA), which then hydrolyzes the complement fragment C4b. It also accelerates the degradation of the C4bC2a complex (C3 convertase) by dissociating the complement fragment C2a. Alpha chain binds C4b. It interacts also with anticoagulant protein S and with serum amyloid P component.

**Cellular Location**

Secreted.

**Tissue Location**

Chylomicrons in the plasma.

**C4BPA Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**C4BPA Antibody (C-term) Blocking peptide - Images**