

**CEBPD Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10950a****Specification**

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**CEBPD Antibody (N-term) Blocking peptide - Product Information**Primary Accession [P49716](#)**CEBPD Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 1052**Other Names**

CCAAT/enhancer-binding protein delta, C/EBP delta, Nuclear factor NF-IL6-beta, NF-IL6-beta, CEBPD

**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.

**CEBPD Antibody (N-term) Blocking peptide - Protein Information****Name** CEBPD**Function**

Transcription activator that recognizes two different DNA motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers (PubMed: [16397300](http://www.uniprot.org/citations/16397300)). Important transcription factor regulating the expression of genes involved in immune and inflammatory responses (PubMed: [1741402](http://www.uniprot.org/citations/1741402), PubMed: [16397300](http://www.uniprot.org/citations/16397300)). Transcriptional activator that enhances IL6 transcription alone and as heterodimer with CEBPB (PubMed: [1741402](http://www.uniprot.org/citations/1741402)).

**Cellular Location**

Nucleus.

**CEBPD Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **CEBPD Antibody (N-term) Blocking peptide - Images**

#### **CEBPD Antibody (N-term) Blocking peptide - Background**

The protein encoded by this intronless gene is a bZIPtranscription factor which can bind as a homodimer to certain DNAregulatory regions. It can also form heterodimers with the relatedprotein CEBP-alpha. The encoded protein is important in theregulation of genes involved in immune and inflammatory responses,and may be involved in the regulation of genes associated withactivation and/or differentiation of macrophages. The cytogeneticlocation of this locus has been reported as both 8p11 and 8q11.

#### **CEBPD Antibody (N-term) Blocking peptide - References**

Zannetti, C., et al. J. Biol. Chem. 285(45):34773-34780(2010)Wang, J., et al. Proc. Natl. Acad. Sci. U.S.A. 107(37):16131-16136(2010)Hour, T.C., et al. Biochem. Pharmacol. 80(3):325-334(2010)Bennett, C.E., et al. Diab Vasc Dis Res 7(3):195-203(2010)Payne, V.A., et al. Biochem. J. 425(1):215-223(2010)