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CEBPE Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP14112b

Specification

CEBPE Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q15744

CEBPE Antibody (C-term) Blocking peptide - Additional Information

Gene ID 1053

Other Names
CCAAT/enhancer-binding protein epsilon, C/EBP epsilon, CEBPE

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP14112b was selected from the C-term region of CEBPE. 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.

CEBPE Antibody (C-term) Blocking peptide - Protein Information

Name CEBPE

Function
Transcriptional activator (PubMed:26019275). C/EBP are DNA- binding proteins that recognize two different motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers. Required for the promyelocyte-myelocyte transition in myeloid differentiation (PubMed:10359588).

Cellular Location
Nucleus

Tissue Location
Strongest expression occurs in promyelocyte and late-myeloblast-like cell lines.

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CEBPE Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

CEBPE Antibody (C-term) Blocking peptide - Images

CEBPE Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a bZIP transcriptionfactor which can bind as a homodimer to certain DNA regulatoryregions. It can also form heterodimers with the related proteinCEBP-delta. The encoded protein may be essential for terminaldifferentiation and functional maturation of committed granulocyteprogenitor cells. Mutations in this gene have been associated withSpecific Granule Deficiency, a rare congenital disorder. Multiplevariants of this gene have been described, but the full-lengthnature of only one has been determined.

CEBPE Antibody (C-term) Blocking peptide - References

Prasad, R.B., et al. Blood (2009) In press :Papaemmanuil, E., et al. Nat. Genet. 41(9):1006-1010(2009)Bedi, R., et al. Blood 113(2):317-327(2009)Cloutier, A., et al. J. Immunol. 182(1):563-571(2009)Matsushita, H., et al. Oncogene 27(53):6749-6760(2008)