

CEBPG Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10951b**Specification**

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

Primary Accession [P53567](#)

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

Gene ID 1054

Other Names

CCAAT/enhancer-binding protein gamma, C/EBP gamma, CEBPG

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.

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

Name CEBPG

Function

Transcription factor that binds to the promoter and the enhancer regions of target genes. Binds to the enhancer element PRE-I (positive regulatory element-I) of the IL-4 gene (PubMed:7665092). Binds to the promoter and the enhancer of the immunoglobulin heavy chain. Binds to GPE1, a cis-acting element in the G-CSF gene promoter.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P53568}.

CEBPG Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CEBPG Antibody (C-term) Blocking peptide - Images

CEBPG Antibody (C-term) Blocking peptide - Background

The C/EBP family of transcription factors regulates viral and cellular CCAAT/enhancer element-mediated transcription. C/EBP proteins contain the bZIP region, which is characterized by two motifs in the C-terminal half of the protein: a basic region involved in DNA binding and a leucine zipper motif involved in dimerization. The C/EBP family consists of several related proteins, C/EBP alpha, C/EBP beta, C/EBP gamma, and C/EBP delta, that form homodimers and that form heterodimers with each other. CCAAT/enhancer binding protein gamma may cooperate with Fos to bind PRE-I enhancer elements.

CEBPG Antibody (C-term) Blocking peptide - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010) Crawford, E.L., et al. Carcinogenesis 28(12):2552-2559(2007) Mullins, D.N., et al. BMC Cancer 5, 141 (2005) Newman, J.R., et al. Science 300(5628):2097-2101(2003) Hattori, T., et al. Oncogene 22(9):1273-1280(2003)