

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### C/EBP- $\epsilon$ (K220) Peptide

Cat No.: BS2074P

#### Background

C/EBP  $\alpha$  regulates gene expression in a variety of tissues including liver, adipose, lung and intestine. C/EBP  $\alpha$  uses a bipartite structural motif to bind DNA. Two protein chains dimerize through a set of amphipathic  $\alpha$  helices termed the leucine zipper. Highly basic polypeptide regions emerge from the zipper to form a linked set of DNA contact surfaces. C/EBP  $\alpha$  appears to function exclusively in terminally-differentiated, growth-arrested cells. Additional family members include C/EBP  $\beta$ , C/EBP  $\gamma$ , C/EBP  $\delta$  and C/EBP  $\epsilon$ , all of which exhibit similar DNA-binding specificities and affinities to C/EBP  $\alpha$ . Furthermore, C/EBP  $\beta$  and C/EBP  $\delta$  readily form heterodimers both with each other as well as with C/EBP  $\alpha$ .

#### Swiss-Prot

Q15744

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2074 C/EBP- $\epsilon$  (K220) pAb.

#### Purification & Purity

Synthetic peptide C/EBP- $\epsilon$  (K220). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.