

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-C/EBP $\alpha$ (T226) Peptide

Cat No.: BS4659P

#### Background

C/EBP  $\alpha$  regulates gene expression in a variety of tissues including liver, adipose, lung and intestine. C/EBP  $\alpha$  is a basic region/leucine zipper transcription factor selectively expressed during the differentiation of liver, adipose tissue, blood cells and the endocrine pancreas. C/EBP  $\alpha$  uses a bipartite structural motif to bind DNA and appears to function exclusively in terminally differentiated, growtharrested cells. In the liver, C/EBP  $\alpha$  is a transactivator of several genes, which are regulated by growth hormone. Growth hormone enhances not only the levels of C/EBP  $\alpha$  mRNA and protein, but also the DNA-binding activity of C/EBP  $\alpha$ . C/EBP  $\alpha$  functions as an important transcription factor that regulates different genes, including Prolactin gene expression.

#### Swiss-Prot

P49715

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4659 p-C/EBP  $\alpha$  (T226) pAb.

#### Purification & Purity

Synthetic peptide p-C/EBP  $\alpha$  (T226). (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.