

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



C/EBP- β (S229/182) Peptide

Cat No.: BS1037P

Background

C/EBP β is a member of the C/EBP transcription factor family. The C/EBP β gene encodes several isoforms, which have truncated transcription activation domains by the alternative translational initiation at multiple AUG start sites. Initiation of translation at the in-frame AUGs forms four C/EBP β isoforms. C/EBP β is also known as interleukin 6-dependent DNA-binding protein (IL6DBP), liver activator protein(LAP) or liver-enriched transcriptional activator protein transcription factor 5 (TCF5). C/EBP β contributes to the regulation of the acute phase response in hepatocytes. Stat3 has an important function in IL-6-mediated transcription of the C/EBP β gene that has direct implication for acute phase response in liver cells. The 35 kDa C/EBP β form requires phosphorylation for its DNA binding ability, and increased binding of C/EBP β isoforms during acute-phase reaction occurs through its upregulation and structural modification.

Swiss-Prot

P17676

Applications

Blocking

Specificity

This peptide can be used with studies using BS1037 C/EBP- β (S229/182) pAb.

Purification & Purity

Synthetic peptide C/EBP- β (S229/182). (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.

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