

C/EBP α (phospho-S193) polyclonal antibody

Catalog: BS64010

Host: Rabbit

Reactivity: Mouse, Rat

BackGround:

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

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 37 kDa

Swiss-Prot:

P53566/P05554

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

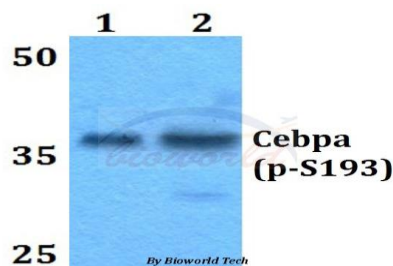
Storage&Stability:

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

Specificity:

p-C/EBP α (S193) polyclonal antibody detects endogenous levels of C/EBP α protein only when phosphorylated at Ser193 (Mouse or Rat).

DATA:



Western blot (WB) analysis of p-C/EBP α (S193) polyclonal antibody at 1:500 dilution

Lane2:Raw264.7 cell lysate treated with PMA(100nM,15mins)

Lane3:H9C2 ccell lysate treated with PMA(100nM,15mins)

Note:

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

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