

## C/EBP epsilon (Phospho-T74) polyclonal antibody

Catalog: BS64519

Host: Rabbit

Reactivity: Human,Mouse,Rat

### 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  $\alpha$ .

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 34 kDa

### Swiss-Prot:

Q15744

### 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 IHC:1:50~1:200 IF:1:50~1:200

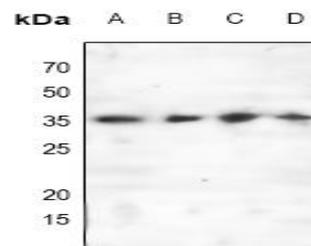
### Storage&Stability:

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

### Specificity:

C/EBP epsilon (Phospho-T74) polyclonal antibody detects endogenous levels of C/EBP epsilon protein only when phosphorylated at Thr74.

### DATA:



Western blot (WB) analysis of C/EBP epsilon (Phospho-T74) polyclonal antibody at 1:500 dilution

LaneA:Hela whole cell lysate

LaneB:The Liver tissue lysate of Rat

LaneC:Raw264.7 whole cell lysate

LaneD:The Liver tissue lysate of Rat

### Note:

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

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