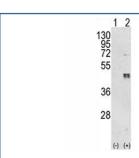


CEBPB Antibody (F49889)

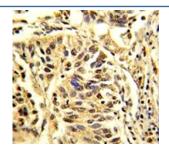
| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F49889-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F49889-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

Bulk quote request

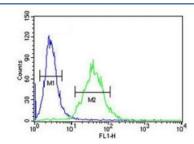
| Availability | 1-3 business days |
|----------------------|--|
| Species Reactivity | Human |
| Predicted Reactivity | Mouse, Rat, Bovine, Chicken |
| Format | Purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Purified |
| UniProt | P17676 |
| Applications | Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50 |
| Limitations | This CEBPB antibody is available for research use only. |



Western blot analysis of CEBPB antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the CEBPB gene (2). Expected molecular weight: 36-41 kDa.



IHC analysis of FFPE human lung carcinoma stained with CEBPB antibody



CEBPB antibody flow cytometric analysis of 293 cells (green) compared to a <u>negative</u> <u>control</u> (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

CEBPB is a bZIP transcription factor which can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related proteins CEBP-alpha, CEBP-delta, and CEBP-gamma. This protein is important in the regulation of genes involved in immune and inflammatory responses and has been shown to bind to the IL-1 response element in the IL-6 gene, as well as to regulatory regions of several acute-phase and cytokine genes. In addition, It can bind the promoter and upstream element and stimulate the expression of the collagen type I gene.

Application Notes

Titration of the CEBPB antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 271-298 from the human protein was used as the immunogen for this CEBPB antibody.

Storage

Aliquot the CEBPB antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.