Product Datasheet

CEBP beta Rabbit mAb

Catalog No: #58693

Package Size: #58693-1 50ul #58693-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CEBP beta Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	CEBP Beta Antibody detects endogenous levels of total CEBP Beta
Immunogen Description	A synthesized peptide derived from human CEBP Beta
Other Names	AGP/EBP, C/EBP beta, C/EBP-related protein 2, CCAAT/enhancer binding protein beta, CEBPB, CRP2, IL-6DBP, Interleukin-6- dependent binding protein, LAP, Liver-enriched transcriptional activator, Nuclear factor NF-IL6, SF-B, SFB, Silencer factor B, TCF5,
Accession No.	Uniprot:P17676
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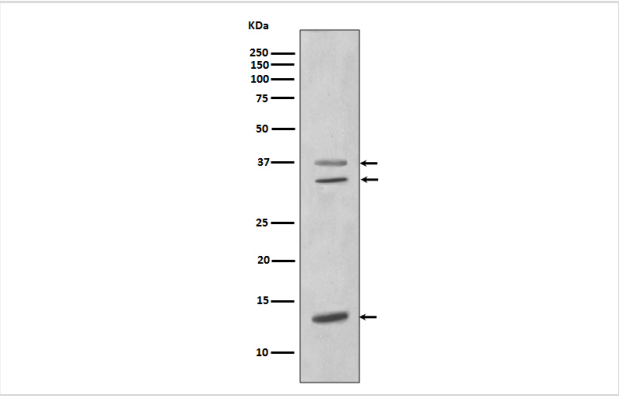
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

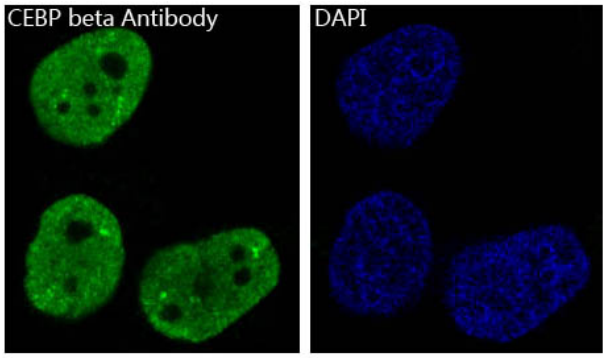
Application Details

WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

Images



Western blot analysis of CEBP beta expression in MCF-7 cell lysate.



Immunofluorescent analysis of Hela cells, using CEBP beta Antibody .

Product Description

The protein encoded by this intronless gene 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. The encoded 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, the encoded protein can bind the promoter and upstream element and stimulate the expression of the collagen type I gene.

Background

The protein encoded by this intronless gene 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. The encoded 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, the encoded protein can bind the promoter and upstream element and stimulate the expression of the collagen type I gene.

Note: This product is for in vitro research use only