# antibodies -online.com







# anti-CEBPB antibody (C-Term)

**Images** 



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Quantity:	400 μL
Target:	CEBPB
Binding Specificity:	AA 271-298, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEBPB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

# **Product Details**

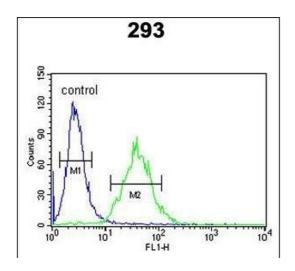
Immunogen:	This CEBPB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 271-298 amino acids from the C-terminal region of human CEBPB.
Clone:	RB20651
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

# **Target Details**

Target:	CEBPB	

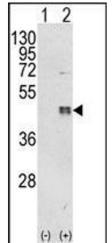
# **Target Details**

Alternative Name:	CEBPB (CEBPB Products)	
Background:	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.	
Molecular Weight:	36106	
Gene ID:	1051	
NCBI Accession:	NP_005185	
UniProt:	P17676	
Pathways:	Interferon-gamma Pathway, Autophagy, Brown Fat Cell Differentiation	
Application Details		
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smal	
	aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	



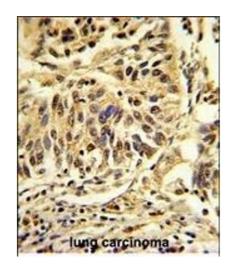
# **Flow Cytometry**

**Image 1.** CEBPB Antibody (C-term) (ABIN652248 and ABIN2841040) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



## **Western Blotting**

**Image 2.** Western blot analysis of CEBPB (arrow) using rabbit polyclonal CEBPB Antibody (C-term) (ABIN652248 and ABIN2841040). 293 cell lysates (2 μg/lane) either nontransfected (Lane 1) or transiently transfected with the CEBPB gene (Lane 2).



### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 3.** Formalin-fixed and paraffin-embedded human lung carcinoma reacted with CEBPB Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.