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anti-CEBPB antibody (AA 271-298)



Images



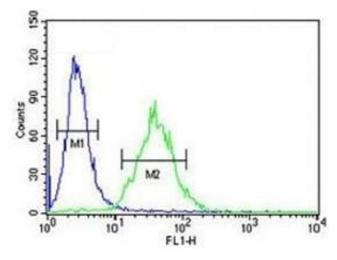
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Overview	
Quantity:	0.4 mL
Target:	CEBPB
Binding Specificity:	AA 271-298
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEBPB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)
Product Details	
Immunogen:	A portion of amino acids 271-298 from the human protein was used as the immunogen for this CEBPB antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine, Chicken
Purification:	Purified
Target Details	
Target:	CEBPB
Alternative Name:	CEBPB (CEBPB Products)
Background:	CEBPB is a bZIP transcription factor which can bind as a homodimer to certain DNA regulatory

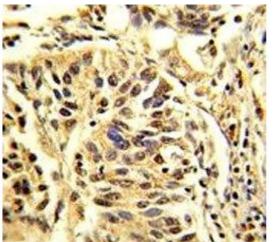
Target Details	
	regions. It can also form heterodimers with the related proteins CEBP-alpha, CEBP-delta, and
	CEBP-gamma. This protein is important in the regulation of genes involved in immune and
	inflammatory responses and has been shown to bind to the IL-1 response element in the IL-6
	gene, as 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.
UniProt:	P17676
Pathways:	Interferon-gamma Pathway, Autophagy, Brown Fat Cell Differentiation
Application Details	
Application Notes:	Titration of the CEBPB antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow
	Cytometry: 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the CEBPB antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



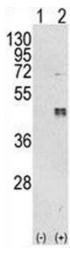
Flow Cytometry

Image 1. CEBPB antibody flow cytometric analysis of 293 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Immunohistochemistry

Image 2. IHC analysis of FFPE human lung carcinoma stained with CEBPB antibody



Western Blotting

Image 3. Western blot analysis of CEBPB antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the CEBPB gene (2).

Please check the product details page for more images. Overall 5 images are available for ABIN3030346.