



# C/EBP $\beta$ (Acetyl Lys265) rabbit pAb

Cat No.:ES20059

For research use only

## Overview

<b>Product Name</b>	C/EBP $\beta$ (Acetyl Lys265) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB; ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human C/EBP $\beta$ (Acetyl Lys265)
<b>Specificity</b>	This antibody detects endogenous levels of Human,Mouse,Rat C/EBP $\beta$ (Acetyl Lys265)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	C/EBP $\beta$ (Acetyl Lys265)
<b>Gene Name</b>	CEBPB LAP TCF5 PP9092
<b>Cellular localization</b>	Nucleus . Cytoplasm . Translocates to the nucleus when phosphorylated at Ser-288. In T-cells when sumoylated drawn to pericentric heterochromatin thereby allowing proliferation (By similarity). .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	40kD
<b>Human Gene ID</b>	1051
<b>Human Swiss-Prot Number</b>	P17676
<b>Alternative Names</b>	CCAAT/enhancer-binding protein beta (C/EBP beta;Liver activator protein;Nuclear factor NF-IL6;Transcription factor 5;TCF-5)
<b>Background</b>	function:Important transcriptional activator in the regulation of genes involved in immune and inflammatory responses. Specifically binds to an IL-1 response element in the IL-6 gene. NF-IL6 also binds





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to regulatory regions of several acute-phase and cytokines genes. It probably plays a role in the regulation of acute-phase reaction, inflammation and hemopoiesis. The consensus recognition site is 5'-T[TG]NNGNAA[TG]-3'. PTM: Sumoylated by polymeric chains of SUMO2 or SUMO3. similarity: Belongs to the bZIP family. C/EBP subfamily. similarity: Contains 1 bZIP domain. subunit: Binds DNA as a dimer and can form stable heterodimers with C/EBP alpha, delta and gamma. Interacts with TRIM28 and PTGES2. tissue specificity: Expressed at low levels in the lung, kidney and spleen.



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