C/EBP β (Acetyl Lys265) rabbit pAb

Catalog No	BYab-00879
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB; ELISA
Gene Name	CEBPB LAP TCF5 PP9092
Protein Name	C/EBP β (Acetyl Lys265)
Immunogen	Synthesized peptide derived from human C/EBP β (Acetyl Lys265)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat C/EBP β (Acetyl Lys265)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CCAAT/enhancer-binding protein beta (C/EBP beta;Liver activator protein;Nuclear factor NF-IL6;Transcription factor 5;TCF-5)
Observed Band	40kD
Cell Pathway	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). .
Tissue Specificity	Expressed at low levels in the lung, kidney and spleen.
Function	in utero embryonic development, regulation of cytokine production, placenta development, embryonic placenta development, acute inflammatory response, transcription, transcription, DNA-dependent, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter, transcription from RNA polymerase II promoter, anti-apoptosis, induction of apoptosis, defense response, acute-phase response, inflammatory response,immune response, response to wounding, embryonic development ending in birth or egg hatching, positive regulation of biosynthetic process, positive regulation of macromolecule biosynthetic process, positive regulation of macromolecule metabolic

	process, positive regulation of gene expression, regulation of cell death, positive regulation of cell death, induction of programmed cell death, neuron differentiation, positive regulation of cellular bios
Background	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 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.,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.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images