

# IHC*easy* CEBPB Ready-To-Use IHC Kit

Catalog Number: **KHC0239**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
Human, Mouse, Rat  
Cited Reactivity:

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Rabbit Polyclonal  
Secondary antibody type:  
Polymer-HRP-Goat anti-Rabbit

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

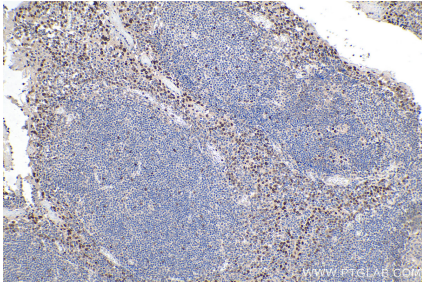
## Background

CCAAT/enhancer-binding protein beta (CEBPB), also known as LAP, is a important transcriptional activator in the regulation of genes involved in immune and inflammatory responses. It 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'. Functions in brown adipose tissue (BAT) differentiation By similarity. Regulates the transcriptional induction of peroxisome proliferator-activated receptor gamma (PPARG). CEBPb mRNAs possess alternative translation-initiation codons, which result in the formation of truncated forms of the protein.

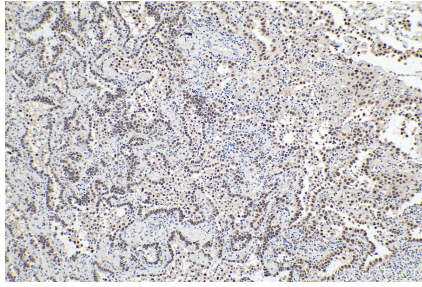
## Synonyms

C/EBP beta, CEBPB, CRP2, IL6DBP, LAP, Liver activator protein, NF IL6, Nuclear factor NF IL6, TCF 5, TCF5, Transcription factor 5

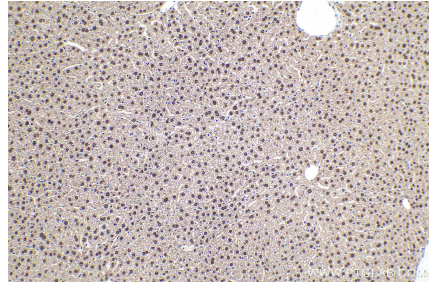
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using KHC0239 (CEBPB IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0239 (CEBPB IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC0239 (CEBPB IHC Kit).