



Rabbit Anti-CEBPB monoclonal antibody, clone TD66-16 (CABT-L722)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	C/EBP Beta
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TD66-16
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IP, FC
Molecular Weight	36 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	PC-12, MCF-7, HeLa.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

CCAAT-enhancer binding proteins (C/EBP) are basic region/leucine zipper (bZIP) transcription factors selectively expressed during the differentiation of liver, adipose tissue, blood cells and the endocrine pancreas. C/EBP β is a member of the C/EBP transcription factor family. The C/EBP β gene encodes several isoforms containing truncated transcription activation domains due to the alternative translational initiation at multiple AUG start sites. C/EBP β is also known as interleukin 6-dependent DNA-binding protein (IL6DBP), liver activator protein (LAP) or liver-enriched transcriptional activator protein transcription factor 5 (TCF5). C/EBP β contributes to the regulation of the acute phase response in hepatocytes. Stat3 has an important function in IL-6-mediated transcription of the C/EBP β gene that has direct implication for acute phase response in liver cells. The C/EBP β form requires phosphorylation for its DNA binding ability, and increase binding of C/EBP β isoforms during acute-phase reaction occurs through its upregulation and structural modification.

Keywords

AGP/EBP;C EBP beta;C/EBP beta;C/EBP related protein 2;CCAAT Enhancer Binding Protein beta;CCAAT/enhancer-binding protein beta;CEBPB;CEBPB_HUMAN;CRP2;IL6DBP;IL6DBP;Interleukin 6 dependent binding protein;LAP;Liver activator protein;Liver enriched transcriptional activator;NF IL6;NFIL6;Nuclear factor NF IL6;Nuclear factor NF-IL6;SF B;SFB;Silencer factor B;TCF-5;TCF5;Transcription factor 5 antibody

GENE INFORMATION

Entrez Gene ID

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