



# Rabbit Anti-CEBPA monoclonal antibody, clone TE313-10 (CABT-L790)

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

## PRODUCT INFORMATION

Target	CEBP alpha
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TE313-10
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IP, FC
Molecular Weight	43 kDa
Cellular Localization	Nucleus.
Positive Control	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.

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## BACKGROUND

**Introduction**

The transcription factor C/EBP  $\alpha$  (CCAAT-enhancer binding protein) is a heat-stable, sequence-specific DNA-binding protein that binds avidly to several different cis-regulatory DNA sequences commonly associated with viral and cellular genes transcribed by RNA polymerase II. C/EBP  $\alpha$  regulates gene expression in a variety of tissues including liver, adipose, lung and intestine. C/EBP  $\alpha$  is a basic region/leucine zipper transcription factor selectively expressed during the differentiation of liver, adipose tissue, blood cells and the endocrine pancreas. C/EBP  $\alpha$  uses a bipartite structural motif to bind DNA and appears to function exclusively in terminally differentiated, growth-arrested cells. In the liver, C/EBP  $\alpha$  is a transactivator of several genes, which are regulated by growth hormone. Growth hormone enhances not only the levels of C/EBP  $\alpha$  mRNA and protein, but also the DNA binding activity of C/EBP  $\alpha$ . C/EBP  $\alpha$  functions as an important transcription factor that regulates different genes, including prolactin gene expression.

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**Keywords**

Apoptotic cysteine protease;Apoptotic protease Mch 5;C/EBP alpha;C/ebpalpha;CAP4;Caspase 8 precursor;CBF-A;CCAAT Enhancer Binding Protein alpha;CCAAT/enhancer binding protein (C/EBP), alpha;CCAAT/enhancer-binding protein alpha;CEBP;CEBP A;CEBP alpha;Cebpa;CEBPA\_HUMAN;FADD homologous ICE/CED 3 like protease;FADD like ICE;FLICE;ICE like apoptotic protease 5;ICE8;MACH;MCH5;MORT1 associated CED 3 homolog antibody

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## GENE INFORMATION

**Entrez Gene ID**

[7083](#)

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