



Rabbit Anti-phospho-CEBPE (Thr74) antibody

SL13823R

Product Name:	phospho-CEBPE (Thr74)
Chinese Name:	磷酸化transcriptional regulatory factorC/EBPε抗体
Alias:	CEBPE (phospho T74); p-CEBPE (phospho T74); C/EBP epsilon; CCAAT/enhancer binding protein (C/EBP) epsilon; CCAAT/enhancer binding protein epsilon; CCAAT/enhancer-binding protein epsilon; CEBPE; CEBPE_HUMAN; CRP 1; CRP1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Rat,Chicken,Dog,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	31kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human CEBPE around the phosphorylation site of Thr74.:PG(p-T)P
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene is a bZIP transcription factor which can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related protein CEBP-delta. The encoded protein may be essential for terminal

differentiation and functional maturation of committed granulocyte progenitor cells. Mutations in this gene have been associated with Specific Granule Deficiency, a rare congenital disorder. Multiple variants of this gene have been described, but the full-length nature of only one has been determined. [provided by RefSeq, Jul 2008]

Function:

C/EBP are DNA-binding proteins that recognize two different motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers.

Subcellular Location:

Nucleus.

Tissue Specificity:

Strongest expression occurs in promyelocyte and late-myeloblast-like cell lines.

Post-translational modifications:

Phosphorylated.

SWISS:

Q15744

Gene ID:

1053

Database links:

[Entrez Gene: 1053](#) Human

[Entrez Gene: 110794](#) Mouse

[Entrez Gene: 25410](#) Rat

[Omim: 600749](#) Human

[SwissProt: Q15744](#) Human

[SwissProt: Q6PZD9](#) Mouse

[SwissProt: P56261](#) Rat

[Unigene: 558308](#) Human

[Unigene: 236223](#) Mouse

[Unigene: 44462](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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