



Rabbit Anti-CEBPE antibody

SL13822R

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| Product Name: | CEBPE |
| Chinese Name: | transcriptional regulatory factor C/EBPε 抗体 |
| Alias: | 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, Mouse, Rat, Pig, Cow, Rabbit, Sheep, |
| Applications: | ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=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 synthetic peptide derived from human CEBPE:151-250/281 |
| 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.

Similarity:

Belongs to the bZIP family. C/EBP subfamily.
Contains 1 bZIP domain.

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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