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# R Cebpd Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20492c

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | Q03484 |
| **Reactivity** | Human, Rat, Mouse |
| **Predicted** | Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Calculated MW** | 28600 |
| **Antigen Region** | 161-189 |

## Additional Information

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| **Gene ID** | 25695 |
| **Other Names** | CCAAT/enhancer-binding protein delta, C/EBP delta, Transcription factor CELF, Cebpd, Celf |
| **Target/Specificity** | This Rat Cebpd antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 161-189 amino acids from the Central region of rat Cebpd. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | R Cebpd Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | Cebpd |
| **Synonyms** | Celf |
| **Function** | Transcription activator that recognizes two different DNA motifs: the CCAAT homology common to many promoters and the enhanced core homology |

common to many enhancers (PubMed:1714459). Important transcription factor regulating the expression of genes involved in immune and inflammatory responses. Transcriptional activator that enhances IL6 transcription alone and as heterodimer with CEBPB (By similarity).

**Cellular Location** Nucleus.

**Tissue Location** Ubiquitously expressed.

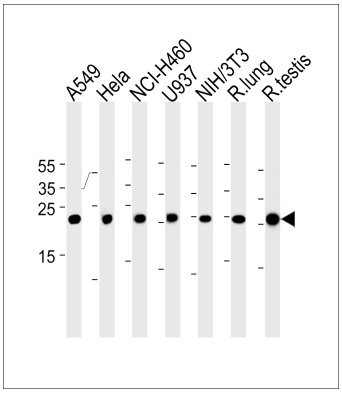
## Background

C/EBP is a DNA-binding protein that recognizes two different motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers. Important transcriptional activator in the regulation of genes involved in immune and inflammatory responses, may play an important role in the regulation of the several genes associated with activation and/or differentiation of macrophages (By similarity).

## References

Kageyama R., et al. J. Biol. Chem. 266:15525-15531(1991).

## Images




Rat Cebpd Antibody (Center) (Cat. #AP20492c) western blot analysis in A549,Hela,NCI-H460,U-937,mouse NIH/3T3 cell line and rat lung,testis tissue lysates (35ug/lane).This demonstrates the Rat Cebpd antibody detected the Rat Cebpd protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.