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CEBP Delta Rabbit pAb

Catalog # AP97292

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	P49716
Other Accession	P49716
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28467
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CEBP Delta
Epitope Specificity	141-240/269
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the bZIP family. C/EBP subfamily.Contains 1 bZIP domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this intronless 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-alpha. The encoded protein is important in the regulation of genes involved in immune and inflammatory responses, and may be involved in the regulation of genes associated with activation and/or differentiation of macrophages. The cytogenetic location of this locus has been reported as both 8p11 and 8q11. [provided by RefSeq, Sep 2010]

Additional Information

Gene ID	1052
Other Names	C/EBP-delta; CELF; CRP3; NF-IL6-beta; CEBPD_HUMAN; CEBPD; C/EBP delta; Nuclear factor NF-IL6-beta (NF-IL6-beta); CCAAT enhancer binding protein delta; CCAAT/enhancer binding protein (C/EBP), delta; CCAAT/enhancer binding protein delta
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	CEBPD
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:16397300). Important transcription factor regulating the expression of genes involved in immune and inflammatory responses (PubMed:16397300, PubMed:1741402). Transcriptional activator that enhances IL6 transcription alone and as heterodimer with CEBPB (PubMed:1741402).
Cellular Location	Nucleus.

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