



C/EBP δ/ϵ Polyclonal Antibody

E20-70556

Catalog Number:E20-70556

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Immunogen Description:The antiserum was produced against synthesized peptide derived from human CEBPD/E. AA range:171-220

Calculated MW:28467/30603 Da

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Gene Name:CEBPD/CEBPE

Dilution:Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

Protein Name:CCAAT/enhancer-binding protein delta/epsilon

Human Gene Id:1052/1053

Human Swiss Prot No:P49716/Q15744

Mouse Gene Id:12609/110794

Rat Gene Id:25695/25410

Rat Swiss Prot No:Q03484/P56261

Specificity:C/EBP δ/ϵ Polyclonal Antibody detects endogenous levels of C/EBP δ/ϵ protein.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:CEBPD; CCAAT/enhancer-binding protein delta; C/EBP delta; Nuclear factor NF-IL6-beta; NF-IL6-beta; CEBPE; CCAAT/enhancer-binding protein epsilon; C/EBP epsilon

Observed Band(KD):28

Background:CCAAT/enhancer binding protein delta(CEBPD) Homo sapiens 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

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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],

Function:function: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.,similarity:Belongs to the bZIP family.

C/EBP subfamily.,similarity:Contains 1 bZIP domain.,subunit:Binds DNA as a dimer and can form stable heterodimers with C/EBP alpha. Interacts with SPI1/PU.1.,

Subcellular Location:nucleus,

Expression:Cerebellum,Placenta,

