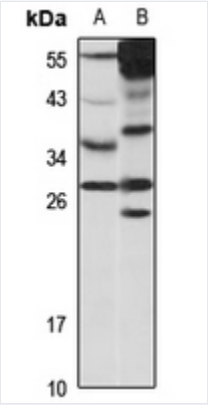
C/EBP Delta (CEBPD) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	C/EBP delta (CEBPD), Polyclonal Antibody
Full Product Name	Anti-C/EBP delta Antibody
Product Gene Name	anti-CEBPD antibody
Product Synonym Names	CCAAT/enhancer-binding protein delta; C/EBP delta; Nuclear factor NF-IL6-beta; NF-IL6-beta
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of C/EBP delta protein.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	269
OMIM	116898
3D Structure	ModBase 3D Structure for P49716
Immunogen	Recombinant fusion protein of human C/EBP delta. The exact sequence is proprietary.
Applications Tested/Suitable for anti-CEBPD antibody	Western Blot (WB)
Application Notes for anti-CEBPD antibody	WB: 1:500-1:2000
Related Product Information for anti-CEBPD antibody	MBS8306245 is an antibody targeting CEBPD. Also known as Anti-C/EBP delta Antibody. Reactive in Human, Rat. Host: Rabbit. Rabbit polyclonal antibody to C/EBP delta
Other Notes	Small volumes of anti-CEBPD antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CEBPD antibody
Western blot analysis of C/EBP delta expression in A549 (A), rat brain (B) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CEBPD. It may not necessarily be applicable to this product.

NCBI GI #	160332350
NCBI GeneID	1052
NCBI Accession #	P49716.2
UniProt Primary Accession #	P49716
UniProt Secondary Accession #	Q03484
UniProt Related Accession #	P49716
NCBI Official Full Name	CCAAT/enhancer-binding protein delta
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein (C/EBP), delta
NCBI Official Symbol	CEBPD
NCBI Official Synonym Symbols	CELF; CRP3; C/EBP-delta; NF-IL6-beta
UniProt Protein Name	CCAAT/enhancer-binding protein delta
UniProt Synonym Protein Names	Nuclear factor NF-IL6-beta; NF-IL6-beta
Protein Family	CCAAT/enhancer-binding protein
UniProt Gene Name	CEBPD
UniProt Synonym Gene Names	C/EBP delta; NF-IL6-beta
UniProt Entry Name	CEBPD_HUMAN
NCBI Protein Information	CCAAT/enhancer-binding protein delta; c/EBP delta; nuclear factor NF-IL6-beta
NCBI Summary for CEBPD	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]
UniProt Comments for CEBPD	C/EBP-delta: 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. Binds DNA as a dimer and can form stable heterodimers with C/EBP alpha. Interacts with SPI1/PU.1. Interacts with PRDM16. Belongs to the bZIP family. C/EBP subfamily. Protein type: DNA-binding; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 8p11.2-p11.1 Cellular Component: nucleus Biological Process: transcription from RNA polymerase II promoter; positive regulation of transcription from RNA polymerase II promoter
Research Articles on CEBPD	**1.** GSK3beta-mediated CEBPD phosphorylation in astrocytes plays an important role in the activation of microglia.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-cebpd-human-rat-antibody/c-ebp-delta/8306245