

Datasheet for 600-401-AH4**CEBPD Antibody****Overview**

Description:	Anti-CEBPD (RABBIT) Antibody - 600-401-AH4
Item No.:	600-401-AH4
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	CCAAT enhancer binding proteins (CEBPs) are a family of transcription factors that all contain a highly conserved, basic-leucine zipper domain at the C-terminus that is involved in dimerization and DNA binding. At least six members of the family have been isolated and characterized to date (CEBP alpha to CEBP zeta). CEBPD is a leucine zipper (LZ) DNA-binding protein that regulates gene expression in a variety of tissues including liver, adipose, lung and intestine. CEBPD is an important transcriptional activator in the regulation of genes involved in immune and inflammatory responses and has been reported to possess many tumor suppressor-like properties.
Synonyms:	CEBPD Antibody, CELF, CRP3, C/EBP-delta, NF-IL6-betaNuclear factor NF-IL6-beta, NF-IL6-beta
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CEBPD
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti- CEBPD antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid peptide near the C-terminus of human CEBPD.

Purity/Specificity:	Anti-CEBPD Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Multiple transcript variants encoding different isoforms have been found for this gene.
Relevant Links:	• UniProtKB - P49716 • GeneID - 1052 • NCBI - NP_005186

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-CEBPD Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 28 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5000-1:10000
IF:	20 µg/mL
WB:	0.5-1 µg/mL

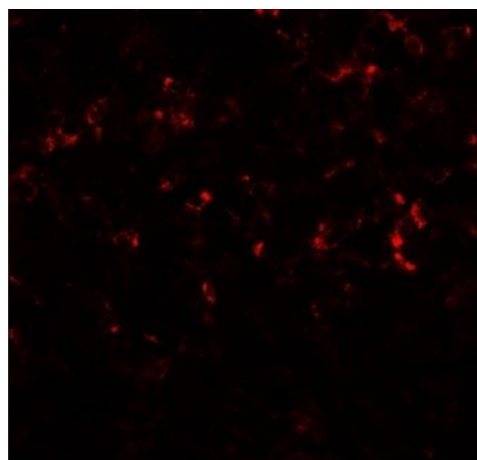
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

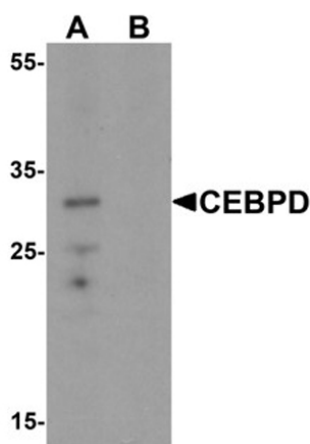


Immunofluorescence Microscopy

Immunofluorescence of CEBPD.

Tissue: human spleen tissue.

Primary Antibody: CEBPD antibody at 20 µg/mL.



Western Blot

Western blot analysis of CEBPD.

Primary Antibody: rat spleen tissue lysate.

Primary Antibody: CEBPD antibody at 0.5 µg/mL in (A) the absence and (B) the presence of blocking peptide.

Disclaimer

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