

Rabbit CCAAT/enhancer-binding protein beta Polyclonal Antibody | anti-CEBPB antibody

Anti-CEBP Beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46043	Rabbit	Human, Mouse, Rat. No cross reactivity with other proteins.	Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CCAAT/enhancer-binding protein beta; Polyclonal Antibody; Anti-CEBP Beta Antibody; AGP/EBP antibody; C EBP beta antibody; C/EBP beta antibody; C/EBP related protein 2 antibody; CCAAT Enhancer Binding Protein beta antibody; CCAAT/enhancer-binding protein beta antibody; CEBPB antibody; CEBPB_HUMAN antibody; CRP2 antibody; IL 6DBP antibody; IL6DBP antibody; Interleukin 6 dependent binding protein antibody; LAP antibody; Liver activator protein antibody; Liver enriched transcriptional activator antibody; NF IL6 antibody; NFIL6 antibody; Nuclear factor NF IL6 antibody; Nuclear factor NF-IL6 antibody; SF B antibody; SFB antibody; Silencer factor B antibody; TCF-5 antibody; TCF5 antibody; Transcription factor 5 antibody; CCAAT/enhancer binding protein (C/EBP); beta; anti-CEBPB antibody

PRODUCT SPECIFICATIONS

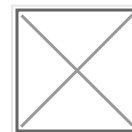
Host	Rabbit
Reactivity	Human, Mouse, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	322
Applicable Applications for anti-CEBPB antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human CEBP Beta recombinant protein (Position: M1-A200). Human CEBP Beta shares 61% amino acid (aa) sequence identity with both mouse and rat CEBP Beta.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- CEBP Beta Picoband antibody, AAA46043, IHC(P)IHC(P): Human Placenta Tissue



WB (Western Blot)

Anti- CEBP Beta Picoband antibody, AAA46043, Western blottingAll lanes: Anti CEBP Beta (AAA46043) at 0.5ug/mlWB: Recombinant Human CEBP Beta Protein 0.5ngPredicted bind size: 42KDObserved bind size: 42KD

ADDITIONAL INFORMATION

Related Product Information for anti-CEBPB antibody	Description: Rabbit IgG polyclonal antibody for CCAAT/enhancer-binding protein beta(CEBPB) detection. Tested with WB, IHC-P, IHC-F in Human;Mouse;Rat. Background: CCAAT/enhancer-binding protein beta, also known as is CEBP-beta, is a protein that in humans is encoded by the CEBPB gene. It mapped to 20q13.13. The protein encoded by this intronless gene is a bZIP transcription factor that can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related proteins CEBP-alpha, CEBP-delta, and CEBP-gamma. The encoded protein is important in the regulation of genes involved in immune and inflammatory responses and has been shown to bind to the IL-1 response element in the IL-6 gene, as well as to regulatory regions of several acute-phase and cytokine genes. In addition, the encoded protein can bind the promoter and upstream element and stimulate the expression of the collagen type I gene. CEBP-beta is critical for normal macrophage functioning, an important immune cell sub-type. Observational work has shown that expression of CEBP-beta in blood leukocytes is positively associated with muscle strength in humans, emphasizing the importance of the immune system, and particularly macrophages, in the maintenance of muscle function.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	551895085
NCBI GeneID	1051
NCBI Accession #	NP_001272807.1
NCBI GenBank Nucleotide #	NM_001285878.1
UniProt Accession #	P17676; Q96IH2; Q9H4Z5; A8K671
Molecular Weight	15,938 Da
NCBI Official Full Name	CCAAT/enhancer-binding protein beta isoform b
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein (C/EBP), beta
NCBI Official Symbol	CEBPB
NCBI Official Synonym Symbols	TCF5; IL6DBP; NF-IL6; C/EBP-beta
NCBI Protein Information	CCAAT/enhancer-binding protein beta; nuclear factor NF-IL6; transcription factor 5; nuclear factor of interleukin 6; interleukin 6-dependent DNA-binding protein
UniProt Protein Name	CCAAT/enhancer-binding protein beta
UniProt Gene Name	CEBPB
UniProt Synonym Gene Names	TCF5; C/EBP beta; LAP; LIP; TCF-5
UniProt Entry Name	CEBPB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.