

Product datasheet for **TA344533**

CEBP Beta (CEBPB) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CEBPB antibody: synthetic peptide directed towards the N terminal of human CEBPB. Synthetic peptide located within the following region: AIDFSPYLEPLGAPQAPAPATATDTFEAAPPAPAPAPASSGQHHDFLSDL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	CCAAT/enhancer binding protein beta
Database Link:	NP_005185 Entrez Gene 1051 Human P17676



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Background:

CEBPB is a bZIP transcription factor which 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 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 protein can bind the promoter and upstream element and stimulate the expression of the collagen type I gene. 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 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

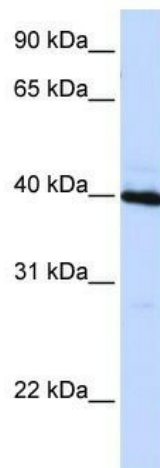
C; EBP-beta; IL6DBP; NF-IL6; TCF5

Note:

Immunogen Sequence Homology: Pig: 100%; Human: 100%; Rabbit: 100%; Dog: 92%; Bovine: 86%; Rat: 85%

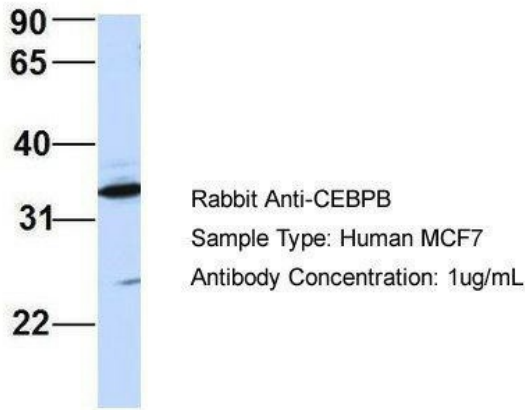
Protein Families:

Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

Product images:

WB Suggested Anti-CEBPB Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: HepG2 cell lysate

CEBPB



Host: Rabbit; Target Name: CEBPB; Sample Tissue: Human MCF7; Antibody Dilution: 1.0 ug/ml; CEBPB is supported by BioGPS gene expression data to be expressed in MCF7