



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP57940_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/cebpb-antibody-n-terminal-region-biotin-arp57940-p050-biotin.html">www.avivasysbio.com/cebpb-antibody-n-terminal-region-biotin-arp57940-p050-biotin.html</a>
Name	CEBPB Antibody - N-terminal region : Biotin (ARP57940_P050-Biotin)
Protein Size (# AA)	345 amino acids
Molecular Weight	36kDa
Conjugation	Biotin
NCBI Gene Id	1051
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	CCAAT/enhancer binding protein (C/EBP), beta
Alias Symbols	TCF5, IL6DBP, NF-IL6, C/EBP-beta
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">AIDFSPYLEPLGAPQAPAPATATDTFEAAPPAPAPAPASSGQHHDFLSDL</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	He,D., (2008) Biochem. J. 412 (1), 153-162
Description of Target	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.
Protein Interactions	CEBPA; UBC; EGR1; EP300; TP63; RB1; RELA; DAXX; CASP8; CASP1; SMARCA2; HDAC1; SMARCC1; SMARCB1; SMARCA4; SMARCA5; TAF9; ELAVL1; SUMO2; TRIM28; CEBPB; ATF3; CARM1; GSK3B; SUMO1; KAT2A; HDAC9; KAT2B; NCOR2; NCOR1; STAT3; PPARG; NRF1; CREBBP; ATF2; EHMT2; SP
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-CEBPB (ARP57940_P050-Biotin) antibody</a>
Blocking Peptide	For anti-CEBPB (ARP57940_P050-Biotin) antibody is <a href="#">Catalog # AAP57940</a> (Previous Catalog # AAPP32351)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CEBPB
Uniprot ID	<a href="#">P17676</a>
Protein Name	CCAAT/enhancer-binding protein beta
Sample Type Confirmation	CEBPB is supported by BioGPS gene expression data to be expressed in MCF7

<b>Protein Accession #</b>	<a href="#">NP_005185</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_005194</a>
<b>Gene Symbol</b>	<a href="#">CEBPB</a>
<b>Predicted Species Reactivity</b>	Human, Rat, Cow, Dog, Pig, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 86%; Dog: 92%; Human: 100%; Pig: 100%; Rabbit: 100%; Rat: 85%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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Optimal conditions of its use should be determined by end users.

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AVIVA SYSTEMS BIOLOGY  
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)