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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57940_P050-HRP
Product Page	www.avivasysbio.com/cebpb-antibody-n-terminal-region-hrp-arp57940-p050-hrp.html
Name	CEBPB Antibody - N-terminal region : HRP (ARP57940_P050-HRP)
Protein Size (# AA)	345 amino acids
Molecular Weight	36kDa
Conjugation	HRP: Horseradish Peroxidase
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: AIDFSPYLEPLGAPQAPAPATATDTFEAAPPAPAPAPASSGQHHDFLSDL
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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 anti-CEBPB (ARP57940_P050-HRP) antibody
Blocking Peptide	For anti-CEBPB (ARP57940_P050-HRP) antibody is Catalog# AAP57940 (Previous Catalog# AAPP32351)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CEBPB
Uniprot ID	P17676
Protein Name	CCAAT/enhancer-binding protein beta
Sample Type Confirmation	CEBPB is supported by BioGPS gene expression data to be expressed in MCF7
Protein Accession #	NP_005185

Purification	Affinity Purified
Nucleotide Accession #	NM_005194
Gene Symbol	CEBPB
Predicted Species Reactivity	Human, Rat, Cow, Dog, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 92%; Human: 100%; Pig: 100%; Rabbit: 100%; Rat: 85%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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