



# 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

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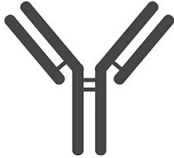
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Product Number	ARP57937_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/cebpa-antibody-middle-region-biotin-arp57937-p050-biotin.html">www.avivasysbio.com/cebpa-antibody-middle-region-biotin-arp57937-p050-biotin.html</a>
Name	CEBPA Antibody - middle region : Biotin (ARP57937_P050-Biotin)
Protein Size (# AA)	358 amino acids
Molecular Weight	37kDa
Conjugation	Biotin
NCBI Gene Id	1050
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	CCAAT/enhancer binding protein (C/EBP), alpha
Alias Symbols	CEBP, C/EBP-alpha
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">RRERNNI AVRKSRDK AKQRNVETQOKVLELTSDNDRLRKRVEQLSRELDI</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Singh, S.M., (2008) Biochem. Biophys. Res. Commun. 369 (2), 692-694
Description of Target	CEBPA is a bZIP transcription factor which can bind as a homodimer to certain promoters and enhancers. It can form heterodimers with the related proteins CEBP-beta and CEBP-gamma. The protein has been shown to bind to the promoter and modulate the expression of the gene encoding leptin, a protein that plays an important role in body weight homeostasis. Also, CEBPA can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells. The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a homodimer to certain promoters and enhancers. It can also form heterodimers with the related proteins CEBP-beta and CEBP-gamma. The encoded protein has been shown to bind to the promoter and modulate the expression of the gene encoding leptin, a protein that plays an important role in body weight homeostasis. Also, the encoded protein can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells. 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. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-2385 U34070.1 592-2976
Protein Interactions	CEBPB; ZBTB16; RARA; HDAC1; BHLHE41; UBC; CEBPE; BATF2; BATF3; YY1AP1; ATF5; BATF; FOSL1; FOS; DBP; CEBPG; CEBPA; ATF4; ATF3; UBE3A; SKP2; RASGRF1; C1QBP; CDKN1A; SRA1; CDK4; PIAS1; Fbxw7; GRIN3A; RAB34; NAA16; POLR1E; MRTO4; AK5; MACF1; KAT5; AKAP9; SMC1
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-CEBPA (ARP57937_P050-Biotin) antibody</a>
Additional Information	<b>IHC Information:</b> Prostate <b>IHC Information:</b> Colon
Blocking Peptide	For anti-CEBPA (ARP57937_P050-Biotin) antibody is <a href="#">Catalog # AAP57937</a> (Previous Catalog # AAPP32348)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CEBPA
Uniprot ID	<a href="#">P49715</a>
Protein Name	CCAAT/enhancer-binding protein alpha

<b>Publications</b>	<p>Borger, P. et al. Impaired translation of CCAAT/enhancer binding protein alpha mRNA in bronchial smooth muscle cells of asthmatic patients. J. Allergy Clin. Immunol. 123, 639-45 (2009). <b>WB, Bovine, Dog, Pig, Rabbit, Rat, Guinea pig, Human, Mouse, Zebrafish, Horse, Sheep</b> <a href="#">19121862</a></p> <p>Miglino, N., Roth, M., Tamm, M. &amp; Borger, P. House dust mite extract downregulates C/EBP-alpha in asthmatic bronchial smooth muscle cells. Eur. Respir. J. 38, 50-8 (2011). <b>WB, Bovine, Dog, Pig, Rabbit, Rat, Guinea pig, Human, Mouse, Zebrafish, Horse, Sheep</b> <a href="#">21109558</a></p>
<b>Protein Accession #</b>	<a href="#">NP_004355</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_004364</a>
<b>Gene Symbol</b>	<a href="#">CEBPA</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
<b>Application</b>	WB, IHC
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 79%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 79%; Zebrafish: 93%
<b>Image 1</b>	

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

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