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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57938_P050-Biotin
Product Page	www.avivasysbio.com/cebpa-antibody-c-terminal-region-biotin-arp57938-p050-biotin.html
Name	CEBPA Antibody - C-terminal region : Biotin (ARP57938_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: ASGGSGAGKAKKSVDKNSNEYRVRERNNIAVRKSRDKAKQRNVETQOKV
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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.
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 anti-CEBPA (ARP57938_P050-Biotin) antibody
Blocking Peptide	For anti-CEBPA (ARP57938_P050-Biotin) antibody is Catalog # AAP57938 (Previous Catalog # AAPP32349)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CEBPA
Uniprot ID	P49715
Protein Name	CCAAT/enhancer-binding protein alpha
Sample Type Confirmation	CEBPA is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	NP_004355
Purification	Affinity Purified
Nucleotide Accession #	NM_004364
Gene Symbol	CEBPA
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 77%; Rat: 100%; Zebrafish: 79%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two upper arms of the Y represent the antigen-binding sites.

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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