

Rabbit CEBPA Polyclonal Antibody | anti-CEBPA antibody

CEBPA Antibody (C-term)

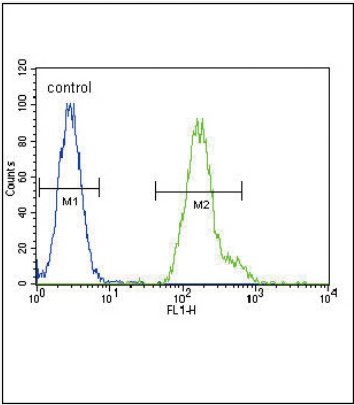
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285315	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

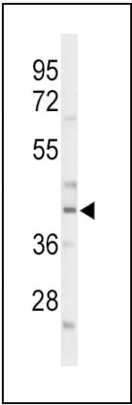
CEBPA; Polyclonal Antibody; CEBPA Antibody (C-term); CCAAT/enhancer-binding protein alpha; C/EBP alpha; anti-CEBPA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CEBPA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 304-330 amino acids from the C-terminal region of human CEBPA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	304-330
Sequence Length	393
Applicable Applications for anti-CEBPA antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CEBPA Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of CEBPA Antibody (C-term) in mouse liver tissue lysates (35ug/lane). CEBPA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CEBPA antibody	CEBPA 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. This 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 protein can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells.
Product Categories/Family for anti-CEBPA antibody	Cancer; Cardiovascular; Metabolism
References	Twu, Y.C., et al. Blood 115(12):2491-2499(2010) ?Nanri, T., et al. Genes Chromosomes Cancer 49(3):237-241(2010) ?Burnett, A.K., et al. Blood 115(5):948-956(2010) ?Dufour, A., et al. J. Clin. Oncol. 28(4):570-577(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872794
NCBI GeneID	1050
NCBI Accession #	NP_004355.2
NCBI GenBank Nucleotide #	NM_004364.4
UniProt Accession #	P49715; P78319; Q05CA4; A7LNP2
Molecular Weight	37561
NCBI Official Full Name	CCAAT/enhancer-binding protein alpha isoform a
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein (C/EBP), alpha
NCBI Official Symbol	CEBPA
NCBI Official Synonym Symbols	CEBP; C/EBP-alpha
NCBI Protein Information	CCAAT/enhancer-binding protein alpha
UniProt Protein Name	CCAAT/enhancer-binding protein alpha
UniProt Gene Name	CEBPA
UniProt Synonym Gene Names	C/EBP alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cebpa-antibody-western-blot-flow-cytometry-elisa/285315>