Mouse anti-Human CEBPA Monoclonal Antibody | anti-CEBPA antibody

CEBPA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322681	**Mouse**	**Human**	**Flow Cytometry, Functional Assay, ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

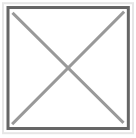
PRODUCT SYNONYMS

CEBPA; Monoclonal Antibody; CEBPA Antibody; Apoptotic cysteine protease; Apoptotic protease Mch 5; C/EBP alpha; C/ebpalpha; CAP4; Caspase 8 precursor; CBF-A; CCAAT Enhancer Binding Protein alpha; CCAAT/enhancer binding protein (C/EBP); alpha; CCAAT/enhancer-binding protein alpha; CEBP; CEBP A; CEBP alpha; Cebpa; CEBPA_HUMAN; FADD homologous ICE/CED 3 like protease; FADD like ICE; FLICE; ICE like apoptotic protease 5; ICE8; MACH; MCH5; MORT1 associated CED 3 homolog; anti-CEBPA antibody

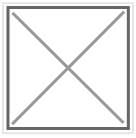
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	Affinity-Chromatography
Form/Format	Supplied in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	239
Applicable Applications for anti-CEBPA antibody	FCM/FACS (Flow Cytometry), ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CEBPA expressed in E. Coli.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of MCF-7 cells using CEBPA mouse mAb (green) and negative control (red).



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using CEBPA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin

IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded rectum tissues using CEBPA mouse mAb with DAB staining.

WB (Western Blot)
Figure 1: Western blot analysis using CEBPA mouse mAb against Jurkat (1), k562 (2), and HepG2 (3) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CEBPA antibody	Description: 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	551894998
NCBI GeneID	1050
NCBI Accession #	NP_001272758.1
NCBI GenBank Nucleotide #	NM_001285829.1
UniProt Accession #	P49715; P78319; Q05CA4; A7LNP2
Molecular Weight	42 kDa
NCBI Official Full Name	CCAAT/enhancer-binding protein alpha isoform b
NCBI Official Synonym Full Names	CCAAT enhancer binding protein 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	CEBPImportedManual assertion inferred from database entriesiHGNC:1833; C/EBP alphaImportedManual assertion inferred from database entriesiHGNC:1833

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://stage.aaabiotech.com/monoclonal/cebpa-antibody-flow-cytometry-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322681