

Rabbit C/EBP alpha Polyclonal Antibody | anti-CEBPA antibody

Phospho-C/EBP alpha (Ser21) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321639	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

C/EBP alpha; Polyclonal Antibody; Phospho-C/EBP alpha (Ser21) Antibody; Apoptotic cysteine protease; Apoptotic protease Mch 5; 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	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Phospho-C/EBP alpha (Ser21) Antibody detects endogenous levels of C/EBP alpha only when phosphorylated at Serine 21.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CEBPA antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human C/EBP- alpha around the phosphorylation site of Ser21.

IMAGES



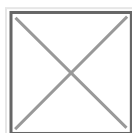
IF (Immunofluorescence)

AAA321639 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



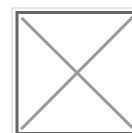
WB (Western Blot)

Western blot analysis of C/EBP-alpha phosphorylation expression in EGF treated HepG2 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA321639 at 1/200 staining human kidney carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of Phospho-C/EBP alpha (Ser21) expression in various lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CEBPA antibody	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 CEBPgamma. 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.
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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	45kDa
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 entriesHGNC:1833; C/EBP alphaImportedManual assertion inferred from database entriesHGNC: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/polyclonal/c-ebp-alpha-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/321639>