

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

C/EBP-alpha (Phospho-Ser21) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316090	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

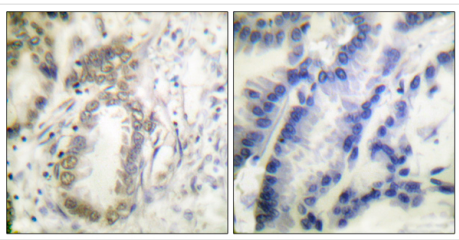
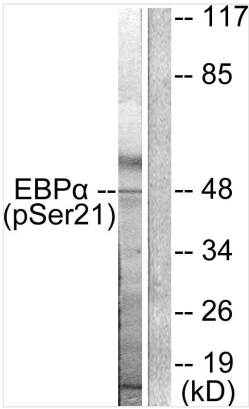
PRODUCT SYNONYMS

C/EBP-alpha; Polyclonal Antibody; C/EBP-alpha (Phospho-Ser21) Antibody; C/EBP alpha; CCAAT/enhancer binding protein (C/EBP); alpha; CCAAT/enhancer binding protein alpha; CEBPA; anti-C/EBP-alpha antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	C/EBP-alpha (Phospho-Ser21) Antibody detects endogenous levels of C/EBP-alpha only when phosphorylated at Ser21.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	393
Applicable Applications for anti-C/EBP-alpha antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S21; M:S21; R:S21
Immunogen	The antiserum was produced against synthesized peptide derived from human C/EBP-alpha around the phosphorylation site of Ser21.
Immunogen Range	Jun-55
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using C/EBP-alpha (Phospho-Ser21) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from HepG2 cells treated with EGF 200ng/ml 5', using C/EBP-alpha (Phospho-Ser21) Antibody. The lane on the right is blocked with the phospho peptide.

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	37 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	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.