



Rabbit Anti-Phospho-CEBP alpha (Ser21) antibody

SL3060R

Product Name:	Phospho-CEBP alpha (Ser21)
Chinese Name:	磷酸化transcriptional regulatory factorCEBP α 抗体
Alias:	Apoptotic cysteine protease; Apoptotic protease Mch 5; C/EBP alpha; CAP4; Caspase 8 precursor; CCAAT Enhancer Binding Protein alpha; CEBP; CEBP A; CEBP alpha; CEBPA; FADD homologous ICE/CED 3 like protease; FADD like ICE; FLICE; ICE like apoptotic protease 5; ICE8; MACH; MCH5; MORT1 associated CED 3 homolog; CEBPA HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,
Applications:	ELISA=1:500-1000IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	38kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from human CDBP alpha around the phosphorylation site of Ser21:LQ(p-S)PP
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed:	PubMed
Product Detail:	<p>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. Mutations in this gene are frequently found in acute myeloid leukemia (AML).</p> <p>Function: C/EBP is a DNA-binding protein that recognizes two different motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers.</p> <p>Subunit: Interacts with PRDM16 (By similarity). Binds DNA as a dimer and can form stable heterodimers with C/EBP beta and gamma. Interacts with UBN1. Interacts with HBV protein X. Interacts with ZNF638; this interaction increases transcriptional activation.</p> <p>Subcellular Location: Nucleus.</p> <p>Similarity: Belongs to the bZIP family. C/EBP subfamily. Contains 1 bZIP domain.</p> <p>SWISS: P49715</p> <p>Gene ID: 1050</p> <p>Database links:</p> <p>Entrez Gene: 1050Human</p> <p>Entrez Gene: 12606Mouse</p> <p>Entrez Gene: 24252Rat</p> <p>Omim: 116897Human</p> <p>SwissProt: P49715Human</p> <p>SwissProt: P53566Mouse</p> <p>SwissProt: P05554Rat</p>

[Unigene: 76171](#)Human

[Unigene: 349667](#)Mouse

[Unigene: 153603](#)Rat

[Unigene: 204833](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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