磷酸化转录调节因子 CEBP α 抗体

产品货号： mlR3060

英文名称： Phospho-CEBP alpha (Ser21)

中文名称： 磷酸化转录调节因子 CEBP α 抗体

别　　名： 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.

产品类型： 磷酸化抗体

研究领域： 免疫学　信号转导　细胞凋亡　转录调节因子　激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Rabbit,

产品应用： ELISA=1:500-1000 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 38kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated Synthesised phosphopeptide derived from human CDBP alpha around the phosphorylation site of Ser21:LQ(p-S)PP

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： 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

产品介绍： 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).

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.

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.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the bZIP family. C/EBP subfamily.

Contains 1 bZIP domain.

SWISS:

P49715

Gene ID:

1050

Important Note:

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